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QUARTERLY

Catalogue Number

FOR THE SCHOOL YEAR

1932-1933

PUBLISHED BY THE

BRIGHAM YOUNG UNIVERSITY

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1932

JANUARY

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Church School Officers

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JOSEPH REECE
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EDWARD H. HOLT, Secretary-Treasurer

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THOMAS N. TAYLOR
J. WM. KNIGHT
STEPHEN L. CHIPMAN

University Calendar

1932

AUTUMN QUARTER

September 19—First Faculty Meeting.
September 23 and 24—Registration days. Freshman instructions and examinations.
September 26—Registration Continued.
September 27—Instruction begins.
October 16, Sunday—Founder's Day.—(Observed on Monday).
November 23 to 28 (Wednesday evening until Monday morning)—Thanksgiving Recess.
December 16—Autumn Quarter closes.

1933

January 2—Winter Quarter begins.
January 23 to 27—Leadership Week.
March 17—Winter Quarter Closes.

SPRING QUARTER

March 20—Spring Quarter begins.
June 4—Baccalaureate services.
June 6—Alumni Reunions.
June 7—Fifty-Seventh Commencement Exercises.
June 12—Summer Quarter begins.

Administrative Officers

Franklin S. Harris ---------- President
Kiefer B. Sauls -------- Secretary to the President
Purchasing Agent
Edward H. Holt ---------- Secretary-Treasurer
Carma Ballif -------- Assistant in Secretary's Office
John E. Hayes ---------- Registrar
Christen Jensen -------- Dean of the Graduate School
Carl F. Eyring ---------- Dean of the College of
Arts and Sciences
Herald R. Clark ------ Acting Dean of the College of
Commerce
Amos N. Merrill ------ Acting Dean of the College of
Education
Gerrit de Jong, Jr. --- Dean of the College of Fine Arts
Lowry Nelson -- Dean of the College of Applied Science
Director Extension Division
Hugh M. Woodward ---- Dean of the Summer Session
Nettie Neff Smart ---------- Dean of Women
Lloyd L. Cullimore ---------- Medical Director
Edgar M. Jensen -------- Director Training Schools
Anna Ollorton ---------- Librarian

The Faculty*

FRANKLIN STEWART HARRIS ..... **President**

B. S., Brigham Young University, 1907; Ph. D., Cornell University, 1911; Student University of Paris, 1927; Instructor, Juarez Academy, 1904-05; Assistant Chemist, Utah Experiment Station, 1907-08; Instructor in Soils, Cornell University, 1907-08; Professor of Agronomy, Utah Agricultural College and Agronomist Utah Experiment station, 1911-21; Director School Agricultural Engineering and Mechanic Arts, 1912-16; Director Utah Experiment Station, 1916-21; President Brigham Young University, 1921—.

GEORGE H. BRIMHALL ..... **President-Emeritus Professor of Religious Education**

B. Pd., Brigham Young University, 1893; D. Sc. D., Church Board of Education, 1898; LL. D., Brigham Young University, 1921; Instructor in Theology, Psychology and Pedagogy, Brigham Young University, 1892-98; Professor of Psychology and Pedagogy 1898-1900; Acting President Brigham Young University, 1900-1902; President, 1904-21; President-Emeritus and Professor of Religious Education 1921—.

JOHN C. SWENSON ..... **Professor of Economics and Sociology**

A. B., Stanford University, 1898; M. A., Columbia University, 1921; Graduate work, Columbia University, Summer of 1924; Assistant Professor of English, Brigham Young University, 1898-99; Professor of History and Economics, 1899-1900; Dean of College of Education, 1921-24; Professor of Economics and Sociology, 1906—.

CHARLES E. MAW ..... **Professor of Chemistry**

A. B., Stanford University, 1903; S. M. University of Chicago, 1916; Ph. D., Stanford University, 1924 Graduate work, Columbia University, 1916; University of California, 1923; Professor of Chemistry, Brigham Young University, 1903—.

*The University Council consists of the President and all members of the faculty with the rank of professsor, associate professor, or assistant professor.

ALFRED OSMOND ..... **Professor of English**
A. B., Harvard University, 1903; M. A., Columbia University, 1920; Graduate work, University of Chicago, Summer of 1913; Columbia University, Summer of 1920 and the school year 1930-31; Professor of English, Brigham Young University, 1903—.

CHRISTEN JENSEN ..... **Professor of History and Political Science, Dean of Graduate School**
A. B., University of Utah, 1907; A. M., Harvard University, 1908; Ph. D., University of Chicago 1921; Graduate work, University of California Summer of 1915; Study in Europe 1928; Assistant Professor of History and Political Science, Brigham Young University, 1908-11; Professor, 1911—; Acting Dean College of Applied Science, 1924-29; Dean Graduate School, 1929—.

ELBERT H. EASTMOND ..... **Professor of Art**
Diploma in Normal Art and Manual Training, Pratt Institute, 1902; B. Pd., Brigham Young University, 1906; Student, California School of Fine Arts, Summer, 1915; University of California, and California, School of Arts and Crafts, Summers of 1916 and 1923; Rionido School of Art, Summer of 1918; University of Washington, 1923; Professor of Art, Brigham Young University, 1904—.

AMOS N. MERRILL ..... **Professor of Secondary Education Acting Dean College of Education**
B. S., Utah Agricultural College, 1896; M. S., University of Illinois, 1908; Ph. D., Stanford University, 1926; Professor of Agriculture, Brigham Young College, 1905-09; Professor of Agriculture, Brigham Young University, 1910-22; Dean of Church Teachers' College, 1917-23; Professor of Secondary Education and Supervisor of Secondary Training, 1924—.

EDWARD H. HOLT ..... **Professor of Office Practice, Secretary of the Faculty**
B. Pd., Brigham Young University, 1895; Assistant Professor, 1895-1902; Professor of Business Education, 1902-21; Professor of Office Practice, 1921—.

ALICE L. REYNOLDS* ..... **Professor of English Literature**
A. B., Brigham Young University, 1910; Graduate
*On leave of absence.

work, University of London, 1911; Two years Graduate work, European Universities; University of California, 1923; Instructor in English, Brigham Young University, 1894-1911; Professor of English Literature, Brigham Young University, 1911—.

CARL F. EYRING ..... **Professor of Physics and Mathematics**
Dean of the College of Arts and Sciences

A. B., Brigham Young University, 1912; M. A., University of Wisconsin, 1915; Ph. D., California Institute of Technology, 1924; Assistant in Physics, University of Wisconsin, 1914-15; Assistant in Physics, California Institute of Technology, 1922-23; Research Specialist, Bell Telephone Laboratories, 1929-31; Assistant in Physics, Brigham Young University, 1910-12; Instructor, 1912-14; Assistant Professor, 1915-17; Professor of Physics and Mathematics, 1917—; Dean of the College of Arts and Sciences, 1924—.

VILATE ELLIOTT ..... **Professor of Home Economics**

B. Pd., Brigham Young University, 1895; Graduate work Pratt Institute 1907-08; Student State Normal School Santa Barbara, California, 1919-20; University of Chicago, 1922; Study in Europe 1924-25; Floating University, 1930-31; Professor of Home Economics, Brigham Young University, 1908—.

BENJAMIN F. CUMMINGS ..... **Professor of Modern and Classical Languages**

A. B., University of Utah, 1913; Graduate work University of Utah, 1920-22; University of Chicago, Summer of 1922; Stanford University, 1923-24; University of Paris, 1930-31; Instructor Modern Languages, Latter-Day Saints University, 1910-12; 1914-20; Instructor Modern Languages, University of Utah, 1913-14; Professor of Modern and Classical Languages, Brigham Young University, 1920—.

FLORENCE JEPPERSON MADSEN ..... **Professor of Music**

Music Diploma, Brigham Young University, 1905; Diploma, New England Conservatory of Music, 1909; Diploma, Chicago Musical College, 1925; B. M., 1926; M. M., 1917; Graduate Work in Music, New England Conservatory of Music, 1909-10; Private work, New York, 1919-20; Direcor, Vocal Depart-

ment, Lasalle Seminary, Boston, 1911-16; Instructor in Vocal Art, L. D. S. School of Music and Weber College, 1916-18; Instructor Chicago Musical College Summers of 1927-28, Brigham Young University, 1910-11; 1916-18; Professor of Music, 1920—. Director of Music Mission Play, California, 1928-29; Director of Music, The McGroarty Plays, California, 1930—.

THOMAS L. MARTIN ..... **Professor of Agronomy**

A. B., Brigham Young University, 1912; Ph. D. Cornell University, 1919; Study in Europe, 1930; Principal, Big Horn Academy, 1912-15; Emery Stake Academy, 1916-17; Millard Academy, 1919-21; Instructor in Soils, Cornell University, 1917-19; Professor of Agronomy, Brigham Young University, 1921—.

HUGH M. WOODWARD ..... **Professor of Philosophy of Education, Dean of Summer Session**

A. B., Brigham Young University, 1911; M. A., University of Utah, 1918; Ph. D., University of California, 1920; Principal, St. George Academy, 1911-14; President Dixie Normal College, 1914-20; Fellow-Teacher, University of California, 1919-20; Assistant Director Educational Work, Bureau of Public Health, Washington, D. C., 1920-21; Professor of Education, University of Washington, Summer of 1925; Dean Summer Session, Brigham Young University, 1921-27; 1930—; Professor on University Afloat, 1928-29; Professor of Philosophy of Education, Brigham Young University, 1921—.

WILLIAM J. SNOW ..... **Professor of History**

A. B., Brigham Young University, 1919; Ph. D., University of California, 1923; Principal Uintah Stake Academy, 1906-08; Instructor in History, Brigham Young University, 1910-15; Assistant Professor of History, 1915-17; Professor of History, 1917—.

T. EARL PARDOE ..... **Professor of Speech**

Graduate of Leland Powers School, 1913; A. B., Brigham Young University, 1925; Graduate work Columbia University, 1924-25; University of Southern California, 1929-31; Head of Department of Dramatic Art and Public Speaking, Weber Normal College, 1915-18; Associate Professor of Public

Speaking and Dramatic Art, Brigham Young University, 1920-22; Professor, 1922—.

M. WILFORD POULSON ..... **Professor of Psychology**
A. B., Brigham Young University, 1914; M. A., University of Utah, 1919; Graduate work, University of Chicago, 7½ Quarters from 1916 to 1925; Assistant Professor of Education, Brigham Young University, 1916-19; Associate Professor, 1919-22; Associate Professor of Psychology, 1922-23; Professor, 1923—.

VASCO M. TANNER ..... **Professor of Zoology and Entomology**
A. B., Brigham Young University, 1915; M. A., University of Utah, 1920; Ph. D., Stanford University, 1925; Head of Department of Biology, Dixie College, 1916-18, 1920-24; Professor of Zoology and Entomology, Brigham Young University, 1925—.

HERALD R. CLARK ..... **Professor of Finance and Banking, Acting Dean of the College of Commerce**
A. B., Brigham Young University, 1918; M. B. A., University of Washington, 1924; Graduate work Ohio State University, 1927-28; Instructor in Accounting, Brigham Young University, 1913-17; Assistant Professor of Finance and Banking, 1917-27; Associate Professor of Finance and Banking, 1927-28; Professor, 1928—.

PARLEY A. CHRISTENSEN ..... **Professor of English**
B. S., Utah Agricultural College, 1914; A. M., Stanford University of California, 1925; Ph. D., Stanford University, 1927; Student University of California, Summer of 1915; Assistant Professor of English, Brigham Young College, 1917-25; Professor of English, Brigham Young College, 1925-26; Associate Professor of English, Brigham Young University, 1927-28; Professor, 1928—.

G. OTT ROMNEY ..... **Professor of Physical Education and Director of Athletics**
A. B., University of Utah, 1912; M. A., University of Utah, 1913; Harvard University, Graduate School of Business Administration, 1913-14; B. S., Montana State College, 1916; Athletic Coach and Instructor, Billings (Montana) High School, 1916-1918; U. S.

Naval Aviation, 1918-19; Director Physical Education and Athletic Coach, East Salt Lake High School, 1919-1922; Director of Athletics, Professor of Physical Education and Vice-Dean of Men, Montana State College, 1922-1928; Instructor (History, Government, Economics) Montana State Normal College, Summers of 1926-27-28; Professor of Physical Education and Director of Athletics, Brigham Young University, 1928——.

GERRIT de JONG, JR. ..... **Professor of Modern Languages**
Dean of College of Fine Arts

A. B., University of Utah, 1920; M. A., 1925; Graduate work, National University of Mexico, 1921; University of Utah, Summers of 1923 to 25; University of Munich, 1927, Stanford University the school year 1931-32; Instructor Murdock Academy, 1916-18; Instructor, Latter-Day Saints University 1919-25; Associate Professor of Modern Languages, Brigham Young University, 1925-29; Professor 1929—; Dean of College of Fine Arts, Brigham Young University, 1925—.

LOWRY NELSON ..... **Professor of Rural Social Economics,**
Dean College of Applied Science,
Director of Extension Division

B. S., Utah Agricultural College, 1916, M. S. University of Wisconsin, 1924; Ph. D., University of Wisconsin, 1929; Assistant State Leader County Agents, Utah Agricultural College, 1917-1918; Editor Utah Farmer, 1920-1921; Director of Extension Division, Brigham Young University, 1921—; Assistant Professor of Sociology, 1924-27; Associate Professor of Sociology, 1927-29; Professor of Rural Social Economics and Dean of College of Applied Science, Brigham Young University, 1929—.

GEORGE H. HANSEN ..... **Professor of Geology and Geography**

B. S., Utah Agricultural College, 1918; M. S., George Washington University, 1925; Ph. D. George Washington University, 1927; Field Work with U. S. Geological Survey, Summers of 1918, 1925, 1926 in Utah, Colorado and New Mexico; Assistant Professor of Geology and Geography, Brigham Young University, 1927-29; Professor of Geology and Geography 1929—.

ELMER MILLER ..... **Professor of Economics**
A. B., Stanford University, 1914; Graduate work, Stanford University, 1914-15; 1929-30; University of Chicago, Summer of 1916 & 1919; University of California, Summers of 1918 and 1921; Instructor Dixie Normal College, 1911-12; Principal Pleasant Grove High School, 1915-16; Principal South Sanpete High School, 1916-17; Lehi High School, 1917-19; Davis County High School, 1919-22; Superintendent Alpine School District, 1922-25; Associate Professor of Economics, Brigham Young University, 1923-29; Professor of Economics, 1930—.

MILTON MARSHALL ..... **Professor of Physics**
A. B., Brigham Young University, 1918; Ph. D., University of Chicago, 1924; Instructor of Physics, Brigham Young University, 1919-21; Assistant Professor, 1924-27; Associate Professor, 1927-30; Professor, 1930—.

GUY C. WILSON ..... **Professor of Religious Education**
B. Pd., Brigham Young University, 1900; Summer Schools of Brigham Young University, University of Utah, University of Chicago, Columbia University; Instructor, Brigham Young University, 1896-97; Columbia University the school year, 1912-1913; Principal Juarez Stake Academy, 1897-1912; Teacher of Granite Seminary, 1913-15; President Latter-Day Saints University, 1915-26; Supervisor of Religious Education, 1926-30; Professor of Religious Education, Brigham Young University, 1930—.

BENT F. LARSEN ..... **Professor of Art**
A. B., Brigham Young University, 1912; M. A., University of Utah, 1922; Student of University of Chicago, Summer of 1912; of Art Institute of Chicago, Summer of 1922; Graduate work, Academie Julian, Paris, 1923-24; Academie Colarossi, Paris, 1923; Academie de La Grande Chaumiere, Paris, 1924; Student in Europe for sixteen months, 1929-30, with George Elmer Brown Art Group and in the Academie Andre' L'Hote; Supervisor of Art, B. Y. U. Training School, 1908-12; Associate Professor of Art, 1912-1931; Professor of Art, 1931——.

LEROY J. ROBERTSON* ..... **Professor of Music**
Graduate of New England Conservatory of Music,

*On leave of absence.

1923; Instructor North Cache High School, 1923-24; Pleasant Grove High School, 1924-25; Instructor of Music, Brigham Young University, 1924-26; Assistant Professor of Music, 1926-27; Associate Professor of Music, 1927-31; Professor of Music, 1931——.

HARRISON R. MERRILL ..... **Professor of Journalism**
B. S., Utah Agricultural College, 1916; Graduate work, Utah Agricultural College, 1920; Brigham Young University, Summers of 1921 to 1923; Medill School of Journalism, North-western University, 1927; M. S. Pulitser School of Journalism, Columbia University, 1930; Instructor in English, Oneida Academy, 1912-20; Instructor in English, Brigham Young University, 1921-23; Assistant Professor, 1923-29; Associate Professor of English, 1930-31; Professor of Journalism, 1931——.

FRANKLIN MADSEN ..... **Professor of Music**
Graduate, New England Conservatory of Music, 1915; student of European Music Teachers, 1912-13-14 and 1923; A. B., Brigham Young University, 1925. M. A., Brigham Young University, 1931. From the Chicago Musical College; Graduate Diploma, 1925; Teachers Certificate in Vocal Art and Singing, 1927; B. M., 1926, M. M., 1927; B. M. E., 1928; Mus. Doc., 1929. Supervisor of Music Jordan District and Instructor in Music Jordan High School, 1916-17; Supervisor of Music Nebo District and instructor in Music Springville High School, 1917-18; Magna High School 1919-20; Instructor Chicago Musical College, Summers of 1927-28-29-30 and the winter 1927-28; Instructor in Music, Brigham Young University, 1920-24; Assistant Professor of Music, 1924-30; Associate Professor of Music, 1930-31; Professor of Music, 1931—.

GEORGE STEWART ..... **Special Professor of Agrononmy**
B. S., U. S. A. C., 1913; M. S., Cornell University, 1918; Ph. D., University of Minnesota, 1926; Professor of Agronomy, U. S. A. C., 1919-1930; Senior Ecologist, Branch Research U. S. Forest Service, 1930—; Special Professor of Agronomy, Brigham Young University, 1932—.

LLOYD L. CULLIMORE ..... **Medical Director**
B. S., University of Utah, 1922; M. D., George Wash-

ington Medical College, 1925; Instructor in Physiology, George Washington Medical College, 1925-26; Utah State Board of Health, Epidemiology, Child Health Department, 1926-1927; Health Education, Brigham Young University, Summer of 1927; Assistant Medical Director, 1928-29; Medical Director, 1929——.

L. WESTON OAKS ..... **Associate Medical Director**
M. D., Jefferson Medical College, 1919; Graduate work, Colorado Congress Otolaryngology, Denver, Summers of 1923, 1924, and 1925; Assistant Medical Director, Brigham Young University, 1924-1925; Medical Director, 1925-29; Associate Medical Director, 1929——.

ROBERT SAUER ..... **Associate Professor of Music**
Graduate of Music School of Dresden, Germany; Student Siegel Meyer Music Conservatory of Chicago 1905; Instructor of Music, Brigham Young University, 1905-20; Assistant Professor of Music, 1920-24; Associate Professor of Music, 1924—.

J. MARINUS JENSEN ..... **Associate Professor of English**
A. B., Brigham Young University, 1912; M. A,. University of Chicago, 1919; Graduate work University of California, Summer of 1920; Stanford University, 1924-25; Instructor in English, Brigham Young University, 1910-19; Asssistant Professor of English, 1919-21; Associate Professor, 1921—.

HORACE G. MERRILL ..... **Associate Medical Director**
A. B., Brigham Young University, 1914; M. D., Jefferson Medical College, 1908; F. A. C. S., American College of Surgeons, 1922; Graduate work, University of Edinburgh, 1913; University of Pennsylvania, 1921-22; North Chicago Hospital, 1915-16; Associate Medical Director, Brigham Young University, 1922—.

JOSEPH SUDWEEKS ..... **Associate Professor of Educational Administration**
B. S., University of Idaho, 1912; M. A., University of Chicago, 1920; Ph. D., University of Wisconsin, 1925; Instructor and Supervisor of Training, U. S. Veterans' Bureau, University of Idaho, 1920-1923; Assistant in Department of Education, University of

Idaho, 1920-21; Assistant Professor of Educational Administration, Brigham Young University, 1925-27; Associate Professor, 1927—.

CLARENCE S. BOYLE ..... **Associate Professor of Accounting and Business Administration**

B. S., Brigham Young University, 1924; M. S. in Retailing, New York University, 1926; Graduate work, New York University, Summer of 1926, Winter of 1926-27, Summer of 1927; Associate Professor of Accounting and Business Administration, Brigham Young University, 1927 — .

ELIZABETH CANNON ..... **Associate Professor of Home Economics**

B. S., Utah Agricultural College, 1919; Graduate work, Columbia University, 1922-23; Graduate Dietitian Walter Reid General Hospital, Washington, D. C., 1928; Instructor, Latter-Day Saints University, 1920-22; Instructor in Foods and Nutrition, Brigham Young University, 1923-25; Assistant Professor, 1925-27; Associate Professor, 1928———.

EFFIE WARNICK .... **Associate Professor of Home Economics**

B. S., Utah Agricultural College, 1914; Graduate work, Summer of 1915; Columbia University, Summer of 1921; University of California, Summer of 1925; Graduate Work University of Chicago, 1928-1929; Instructor, Branch Agricultural College, 1914-15; Pleasant Grove High School, 1915-22; Instructor in Foods and Nutrition, Brigham Young University, 1922-23; in Household Administration, 1923-27; Assistant Professor 1927-30; Associate Professor, 1930—.

WAYNE B. HALES ..... **Associate Professor of Physics and Mathematics**

A. B., Brigham Young University, 1916; M. A., University of Utah, 1922; Ph. D., California Institute of Technology, 1926; Head of Physics and Mathematics Department, Ricks College, 1916-21; President, Snow College, 1921-1924; Teaching Fellow, California Institute, 1924-1926; Head of Physics Department, Weber College, 1926-30; Associate Professor of Physics, Brigham Young University, 1930—.

LAVAL S. MORRIS* ..... **Associate Professor of Horticulture**

B. S., Utah Agricultural College, 1923; M. S., Michigan State College, 1926; Graduate work, University

*On leave of absence.

of Southern California, 1930; at Harvard, 1930-32; Instructor in Horticulture, Brigham Young University 1923-26; Assistant Professor, 1926-31; Associate Professor, 1931—.

ASAEL C. LAMBERT..... **Associate Professor of Educational Administration**

B. S., Brigham Young University, 1925; M. S., 1926; Graduate work Stanford University Summer quarters, 1928, 29; Superintendent of Public Instruction, Fremont County, Idaho, 1923-24; Instructor, Brigham Young University, 1924-27; Principal University High School, 1926-1928; Assistant Professor of Secondary Teaching, 1927-32; Associate Professor, 1932—.

SIDNEY B. SPERRY ..... **Associate Professor of Religious Education**

A. B., University of Utah, 1917; M. A., University of Utah, 1927; Ph. D., University of Chicago, 1931; Student American School of Oriental Research, 1931-32; Principal American Fork Seminary, 1922-24; Weber Seminary 1924-25; Pocatello Seminary 1927-28; Director L. D. S. Institute, Moscow, Idaho, 1929-31; Associate Professor of Religious Education, Brigham Young University, 1932—.

MARY J. OLLORTON* ..... **Assistant Professor of Elementary Education**

A. B., Brigham Young University, 1913; M. A., Columbia University, 1926; Graduate work, University of Chicago, 1913, 1914, and 1916; Columbia
*On leave of absence.
University, 1913; Director of Training School Brigham Young University, 1913-18; Assistant Professor of Elementary Education, 1919—.

IDA SMOOT DUSENBERRY ..... **Assistant Professor of Psychology**

B. Pd., Brigham Young University, 1905; Kindergarten Normal Diploma, Brigham Young University, 1904; Graduate Chaurecey Hall College, Boston, 1908; Graduate Emerson College of Oratory, Boston, 1909; Graduate work Pestalozzi Froebel House, Berlin, Germany, 1912-13; Graduate work Columbia University, 1914-15, 1920-21; Summer School work, Columbia University, 1915 and 1921, Univer-

*On leave of absence.

sity of Washington, 1916, University of California, 1927; Study in Europe, 1919-20; Director of Kindergarten Training, Brigham Young University, 1910-21; Assistant Professor Floating University, 1930-31; Assistant Professor of Psychology, Brigham Young University, 1921—.

HERMESE PETERSON ..... **Assistant Professor of Elementary Education**

B. S., Brigham Young University, 1928; Normal Training Student, Brigham Young University; Brigham Young College; Utah Agricultural College, 1906-08; Columbia University, 1917; University of Utah, 1919; University of California, 1922; University of Chicago, 1922-23; Primary Supervisor of Alpine School District, 1908-12; Study in Europe 1928; Critic Teacher, Brigham Young University Training School, 1912-20; Primary Supervisor, 1920-23; Assistant Professor of Elementary Teaching, 1923—.

WILLIAM H. BOYLE ..... **Assistant Professor of Elementary Education**

A. B., Brigham Young University, 1913; M. A., 1923; Graduate work, University of California, 1917 and 1923; Graduate work, University of Southern California, 1929-30; Principal, Brigham Young University High School, 1910-26; Assistant Professor of Elementary Education, 1923—.

WILLIAM H. SNELL ..... **Assistant Professor of Mechanic Arts**

A. B., Brigham Young University, 1918; Graduate work, Bradley Polytechnic Institute, Summer of 1919; Brigham Young University, Summers of 1924 and 1925; Instructor in English, Brigham Young University, 1915-17; Instructor in Woodwork, 1916-21; Assistant Professor of Mechanic Arts, 1921—.

EMMA BROWN ..... **Assistant Professor of Elementary Education**

B. S., Columbia University, 1924; Student, University of Chicago, Summers of 1914 and 1918; Study in Europe 1928; Critic Teacher, University of Utah, 1908-10; Primary Supervisor, Box Elder County, 1913-15; Nebo School District, 1917-22; Primary Supervisor, Brigham Young University Training School, 1923-25; Assistant Professor of Elementary Education, 1925—.

ED. M. ROWE* ..... **Assistant Professor of English**
A. B., Brigham Young University, 1923; Graduate work, Utah Agricultural College, Summer of 1924; Brigham Young University, 1924-25; University of Chicago, Summers of 1925 to 1929; Principal Spanish Fork High School, 1910-12; Instructor in English, Brigham Young University, 1924-27; Assistant Professor, 1927—.

CHARLES J. HART ..... **Assistant Professor in Physical Education and Athletics**
B. S., Utah Agricultural College, 1922; Graduate work, Utah Agricultural College, 1923; University of Wisconsin, Summer of 1925; New York University, school year 1931-32; Instructor Teton High School, 1923-25; Instructor in Physical Education and Athletics, Brigham Young Univrsity 1925-27; Assistant Professor, 1927—.

EDGAR M. JENSON ..... **Assistant Professor of Educational Administration, Director of Training Schools**
A. B., Brigham Young University, 1916; M. A., Brigham Young University, 1919; Graduate work, Stanford University, 1926-27; Head of Department of Education, Dixie College, 1919-1923; President Dixie College, 1923-26; Instructor, Brigham Young University, 1927-28; Assistant Professor in Educational Administration and Principal University High School, 1928—; Director of Training Schools 1930—.

WILMA JEPPSON ..... **Assistant Professor of Physical Education for Women**
B. S., Brigham Young University, 1927; Student University of California, Summer of 1921; University of Wisconsin, Summer of 1925; Columbia University, 1920-30, M. S., Columbia University, 1930; Instructor in Physical Education for Women, Brigham Young University, 1923-30; Assistant Professor, 1930—.

ALONZO J. MORLEY ..... **Assistant Professor of Speech**
A. B., Brigham Young University, 1925; M. A., Brigham Young University, 1931; Teacher of Public Speaking and Dramatic Art, Uintah County High School, 1925-26; Head of Speech Department,

*On leave of absence.

Weber County High School, 1926-27; Instructor in Speech, Brigham Young University, 1928-30; Assistant Professor, 1930—.

WILLIAM F. HANSON ..... **Assistant Professor of Music**
Music Diploma, Brigham Young University, 1907; Teacher's Certificate, Chicago Musical College, 1924; Private work with Xaver Schaswenka, Maurice Aronson, Felix Borowski, Dr. Carl Busch, and H. B. Maxyott, 1924; Supervisor High School Music, Vernal, 13 years; Supervisor Public School Music, Brigham Young University, 1924-25; Acting Head of Music Department, 1925-26, and Summer Sessions of 1925-26-27; Instructor in Music, 1926-31; Assistant Professor, 1931—.

H. GRANT IVINS .... **Assistant Professor of Animal Husbandry**
B. S., Utah State Agricultural College, 1917; Instructor in Animal Husbandry, Brigham Young University, 1929-31; Assistant Professor, 1931—.

KARL E. YOUNG ..... **Assistant Professor of English**
B. S., Utah State Agricultural College, 1924; graduate work at Harvard University 1924-25; student at Oxford, England, 1927 to 1930; Instructor in Logan High School 1925-26; Instructor in English, Brigham Young University, 1930-31; Assistant Professor of English, 1932—.

GEORGE S. BALLIF ..... **Lecturer in Law**
A. B., Brigham Young University, 1921; Student Harvard Law School, 1921-22; J. D. University of California Law School, 1924; Lecturer in Law, 1929—.

JOHN E. HAYES ..... **Registrar**
B. S., Brigham Young University, 1924; Instructor, Brigham Young University, 1903—. Registrar, 1904—.

ANNA OLLORTON ..... **Librarian**
A. B., Brigham Young University, 1913; Graduate work, University of Chicago, 1914-15; University of Utah, Summer of 1914; Chautauqua, New York Summer School, 1919 and 1923; Columbia University 1930-31; Assistant Librarian Brigham Young Univer-

sity, 1919-23; Acting Librarian, 1923-31; Librarian, 1931—.

ANNIE L. GILLESPIE ..... **Library Cataloguer**
Principal West School, Provo, 1883-84; Assistant Librarian, Brigham Young University, 1906-11; Librarian, 1912-23; Cataloguer, 1923—.

KIEFER B. SAULS ..... **Secretary to the President Purchasing Agent**
B. S., Utah Agricultural College, 1920; Graduate work, 1920-21; Secretary to Director, Utah Agricultural Experiment Station, 1917-21; Secretary to President and Purchasing Agent, Brigham Young University, 1921—.

NETTIE NEFF SMART ..... **Dean of Women**
Normal Diploma, Brigham Young University, 1898; Student, Cornell University, 1907-09; Instructor Provo High School, 1920-21; Provo City Schools, 1921-25; Instructor, Brigham Young University Training School, 1904-05; Dean of Women, 1925—.

PERCIVAL P. BIGELOW ..... **Instructor in Auto Mechanics**
Student, University of Michigan, Summer of 1922; Brigham Young University Summers of 1923, 1924, and 1925; Head Mechanic, Utah Packard Motor Company, 1916; Foreman, Superior Motor Co., 1917-18; Mechanic, Hudson Motor Car Company, Detroit, 1919; Instructor in Auto Mechanics, Brigham Young University, 1919—.

BERTHA ROBERTS ..... **Instructor in Office Practice**
A. B., Brigham Young University, 1926; Student Durango Business College, 1922; University of Utah, Summer of 1926; Instructor, Wasatch High School, 1918-19; Instructor in Office Practice, Brigham Young University, 1919—.

NEWBERN I. BUTT ..... **Library and Research Assistant**
B. S., Utah Agricultural College, 1915; Graduate work, 1915-17; Assistant Agronomist, Utah Agricultural College, 1915-18; Library and Research Assistant, Brigham Young University, 1922—.

ANNA EGBERT ..... **Instructor in English**
B. S., Utah Agricultural College, 1921; Graduate

work, Brigham Young University, Summers of 1922 and 1923; Columbia University, 1925-26, 1930-31; Instructor North Cache High School, 1922-23; Instructor in Dramatic Art, Brigham Young University, 1923-26; Instructor in English, 1926—.

A. REX JOHNSON* ..... **Instructor in Office Practice Manager Stenographic Bureau**
B. S., Brigham Young University, 1924; M. A., George Washington University, 1931; Graduate work, University of Washington, Summer of 1926; and George Washington University, 1931-32; Head of Business Department, Provo High School, 1921-22; Fielding Academy, 1922-23; Instructor in Office Practice, 1924—.

ELSIE C. CARROLL ..... **Instructor in English**
B. S., Brigham Young University, 1926; M. S., Brigham Young University, 1928; Student, Cornell University, 1914; University of Chicago, 1915; Stanford University, Summer of 1924; Head of English Department, Kanab High School, 1917-18; Provo High School, 1919-20; Instructor in English, Brigham Young University, 1926—.

STELLA P. RICH ..... **Instructor in English**
B. S., Brigham Young University, 1926; Instructor in the Public Schools of Utah and Idaho, 1911-1927; Student, University of Illinois, Summer of 1925; Instructor, Brigham Young University, Summer of 1926; Instructor in English, Brigham Young University, 1927—.

HUGH W. PETERSON ..... **Instructor in Chemistry**
A. B., 1916; M. A. 1928, Brigham Young University; Student at University of Utah 1916-17; at Utah State Agricultural College, 1924; at State University of Iowa, 1930; Teacher in High Schools of Wyoming and Utah 1917-1927; Instructor in Chemistry, Brigham Young University, 1927—.

ELLA LARSEN BROWN ..... **Assistant Librarian**
Student Cook County Normal School, 1891-92; Columbia University, 1905-06; Primary Supervisor, Utah County Schools, 1900-1902; Director Brigham

*On leave of absence.

Young University Training School, 1902-1908; Assistant Librarian, Brigham Young University, 1923—.

FRED W. DIXON ..... **Instructor in Physical Education and Athletics**

B. S., Brigham Young University, 1926; Instructor in Physical Education and Athletic Director at Weber County High School, 1926-28; Graduate work at U. A. C., Summer of 1928; Instructor in Physical Education and Athletics, Brigham Young University, 1928——.

C. LAVOIR JENSEN ..... **Instructor in Mathematics**

Student Brigham Young College 1916-18; University of Utah 1914-15; Instructor Logan High School 1915-16; Principal Midvale Schools, 1917-21; Instructor, Brigham Young University High School, 1921—.

GRACE NIXON STEWART ..... **Special Instructor in Speech**

B. S., Brigham Young University, 1925; Student University of London, 1925-27; Special Instructor in Speech, Brgham Young University, 1928——.

GLADYS D. BLACK ..... **Instructor in English**

Ph. B., University of Chicago, 1924; M. A., Columbia University, 1930; Instructor in English, Provo High School, 1924-26; Instructor in English, Central High School, Springfield, Illinois, 1927-28; Instructor in English, Brigham Young University, 1928—.

BESSIE IVERSON MEILING ..... **Instructor in Physical Education for Women**

A. B., Brigham Young University, 1929; M. A., Brigham Young University, 1932; Instructor in Physical Education, 1929—.

BILLIE HOLLINGSHEAD ..... **Instructor in Mathematics**

A. B., Texas State College for Women, 1922; Graduate work Columbia University, Summer of 1925; M. A., Brigham Young University, 1929.; Instructor in Valdez High School, Valdez, Alaska, 1922-23; Instructor in Star Valley High School, 1924-26; Instructor in Kohala High School, Kohala, Hawaii, 1927-28; Instructor in Brigham Young University High School, 1929——.

CARMA BALLIF ..... **Assistant in Secretary's Office**
B. S., Brigham Young University, 1927; Assistant in Secretary's Office, 1927——.

MARGARET SUMMERHAYS ..... **Instructor in Music**
Graduate of New England Conservatory of Music, 1916; Studied voice building with Fredrick H. Haywood, 1920 to 1923; with Mme Sophie Cehanovske, summer of 1927; with Edmund G. Meyer, summer of 1928-29; Special Instructor in Music at Brigham Young University, 1927-29; Instructor in Music, 1930—.

MARGARET SWENSON ..... **Instructor in Home Economics**
B. S., Brigham Young University, 1926; Instructor in Richfield High School, 1926-29; Instructor in Brigham Young University, 1929—.

W. ELMO COFFMAN ..... **Instructor in Science**
B. S., Utah State Agricultural College, 1920; Instructor in Payson High School, 1920-21; Instructor in Springville High School, 1921-28; Principal Minersville High School, 1928-29; Graduate work Brigham Young University, summer of 1927. and at University of Utah, summer of 1928. Instructor in Science, Brigham Young University, 1929—.

EDNA SNOW ..... **Instructor in Science**
B. S., Brigham Young University, 1924; Graduate student University of California, 1928; M. S., Brigham Young University, 1931; Instructor in Science, Brigham Young University, 1929—.

ETTA SCORUP ..... **Instructor in Home Economics**
B. S., Brigham Young University, 1927; graduate work Oregon Agricultural College, 1927, and at the University of Chicago, 1928-29; Instructor in Parowan High School 1927-28; and in Weber County High School, 1929-30; Instructor in Home Economics, Brigham Young University, 1930—.

BLANCHE THOMAS ..... **Instructor in Office Practice**
B. S., Brigham Young University, 1930; Instructor in Office Practice, 1930—.

OA LLOYD ..... **Instructor in Office Practice**
Assistant in Office Practice, Brigham Young University, 1928-30; Instructor 1931—.

C. LYNN HAYWARD ..... **Instructor in Zoology**
B. S., Brigham Young University, 1927; M. S., Brigham Young University,, 1931; Instructor in Fielding High School, 1927-30; Assistant in Zoology, Brigham Young University, 1930-31; Instructor, 1931—.

BERTRAND F. HARRISON ..... **Instructor in Botany**
B. S., Brigham Young University, 1930; M. S., Brigham Young University, 1931; Assistant in Botany, Brigham Young University, 1930-31; Instructor in Botany, 1931—.

J. KNIGHT ALLEN ..... **Instructor in Accounting and Business Administration**
B. S., Brigham Young University, 1926; M. B. A., Stanford University, 1930; Special Instructor in Brigham Young University, 1930-31; Instructor in Accounting and Business Administration, 1931—.

GUSTAVE BUGGERT ..... **Instructor in Music**
Graduate of Music School of Madgeburg, Germany; Instructor in Music, Brigham Young University, 1930—.

SETH T. SHAW ..... **Instructor in Horticulture**
B. S., Utah State Agricultural College, 1931; M. A., Utah State Agricultural College 1932; Instructor in Horticulture, Brigham Young University, 1931—.

NAOMI N. ROBERTSON ..... **Instructor in Home Economics**
B. S., Utah State Agricultural College, 1924; Instructor Pleasant Grove High School, 1924-25; Instructor in Home Economics, Brigham Young University, 1932—.

MAY BILLINGS ..... **Instructor in Home Economics**
Special student at summer schools of Columbia University, 1920; Brigham Young University, 1924; Utah State Agricultural College, 1926; University of California, 1928; Colorado Agricultural College, 1931; University of Utah, school year 1931-32; Instructor in Clothing, Latterday Saints University, 1920-31; Instructor in Home Economics, Brigham Young University, 1932—.

ALINE COLEMAN ..... **Instructor in Physical Education for Women**
Assistant in Physical Education for Women, Brigham Young University, 1929-32; Instructor, 1932—.

ALBERT SHEPHERD ..... **Instructor in Violin**
Special Instructor in Violin, Brigham Young University 1932—.

ORVILLE POLLEY ..... **Assistant in Chemistry**
A. B., Brigham Young University, 1931; Assistant in Chemistry, Brigham Young University, 1930—.

HAROLD COLVIN ..... **Assistant in Chemistry**
A. B., Brigham Young University, 1931; Assistant in Chemistry, Brigham Young University, 1930—.

ALVA JOHANSEN ..... **Assistant in Chemistry**
A. B., Brigham Young University, 1931; Assistant in Chemistry, Brigham Young University, 1931—.

LESTER B. WHETTEN ..... **Assistant in Spanish**
Assistant in Spanish, Brigham Young University, 1930—.

JOHN WING ..... **Assistant in Chemistry**
Assistant in Chemistry, Brigham Young University, 1931—.

TRAINING SCHOOL FACULTY

MARY C. HAMMOND, Instructor in Elementary Training School.
BARBARA MAUGHAN, B. S., Instructor in Elementary Training School.
GLADYS KOTTER, B. S., Instructor in Elementary Training School.
GEORGIA MAESER, B. S., Instructor in Elementary Training School.
JENNIE CAMPBELL, B. S., Instructor in Elementary Training School.
THELMA LUDLOW, A. B., Instructor in Elementary Training School.
HAZEL CLYDE, M. A., Instructor in Kindergarten.

SPECIAL INSTRUCTORS

ELMER NELSON, Instructor in Piano.
HANNAH C. PACKARD, Special Instructor in Vocal Music.
GEORGE W. FITZROY, Special Instructor in Piano.
BESSIE E. GOURLEY, Assistant in Art.

BRIGHAM T. HIGGS, Superintendent Buildings and Campus.

J. W. SAULS, Associate Superintendent Buildings and Campus.

STANDING COMMITTEES

The President is ex-officio a member of all committees.

Admission and Credits—John E. Hayes, G. H. Hansen.

Aiding Graduates to Obtain Employment—A. N. Merrill, K. B. Sauls, The Deans.

Alumni Directory—K. B. Sauls.

Athletics—P. A. Christensen, G. O. Romney, J. W. Knight, H. R. Merrill, K. B. Sauls, H. Grant Ivins, President of Student Body, President of Alumni Association, C. L. Jensen, Manager of Athletics.

Attendance and Scholarship—W. H. Boyle, T. L. Martin, Knight Allen, Bertha Roberts.

Awards and Prizes—Alonzo Morley, Franklin Madsen, T. E. Pardoe.

Campus—Seth Shaw, E. H. Eastmond, T. L. Martin.

Care of Girls and Women's Activities—Dean of Women, Margaret H. Eastmond, Effie Warnick, Hermese Peterson.

Catalogue and Other Quarterlies—E. H. Holt, J. E. Hayes, K. B. Sauls, N. I. Butt.

Debatng—J. C. Swenson, Wm. J. Snow, A. C. Lambert, T. E. Pardoe.

Eligibility—Milton Marshall, H. Grant Ivins, J. E. Hayes.

Graduation—B. F. Cummings, Joseph Sudweeks, M. W. Poulson.

Lectures and Musicals—J. C. Swenson, Herald R. Clark.

Library—Alice L. Reynolds, G. H. Brimhall, M. W. Poulson, W. J. Snow, Librarian.

Personnel—C. S. Boyle, Thos. L. Martin, Wm. J. Snow, A. C. Lambert.

Lectures and Musicals—J. C. Swenson, Herald R. Clark. Registrar.

Publicity—L. Nelson, J. M. Jensen, E. H. Holt, K. B. Sauls, H. R. Merrill, G. O. Romney.

Schedule of Events—K. B. Sauls.

Schedule of Classes—E. H. Holt, N. I. Butt.

Social Affairs—Elmer Miller, G. H. Hansen, Dean of Women, Elizabeth Cannon, Wayne B. Hales, Wilma Jeppson, Karl E. Young.

Social Units—Chairman of Social Affairs, Chairman of Attendance and Scholarship Committee, Registrar, Dean of Women, Elsie C. Carroll, and Student Representatives.

Student Accomodations—W. H. Boyle, W. H. Snell, P. P. Bigelow, Dean of Women, Hugh W. Peterson.

Student Aid and Employment—Knight Allen, Dean of Women, Kiefer B. Sauls.

Student Publications—J. M. Jensen, E. H. Eastmond, B. F. Larsen.

Faculties of L. D. S. Institutes and Seminaries

COLLEGIATE INSTITUTES

	Teacher	Address
Logan Institute	T. C. Romney	Logan, Utah
Moscow Institute	G. S. Tanner	Moscow, Idaho
Pocatello Inst.	J. W. Sessions	Pocatello, Idaho

SENIOR SEMINARIES

Seminary	Teacher	Address
American Fork	E. Ray Gardner	Am. Fork, Utah
Ammon	Lucius Clark	Idaho Falls, Ida.
Barnes, John R.	G. C. Ensign	Kaysville, Utah
	T. D. Creer	Salt Lake City
Bear River	W. W. Richards	Garland, Utah
	Alma W. King	Garland, Utah
Beaver	Wendell M. Rigby	Beaver, Utah
Bicknell	LeRoy B.Groberg	Bicknell, Utah
Blackfoot	G. Byron Done	Blackfoot, Idaho
Blanding	Wayne H. Redd	Blanding, Utah
Box Elder	Abel S. Rich	Brigham City, U.
	J. P. Lillywhite	Brigham City, U.
Burley	R. Golden May	Burley, Idaho
Castle Dale	N. L. Williams	Castle Dale, Utah
Cedar City	G, O. Larson	Cedar City, Utah
Coalville	L. M. Norberg	Coalville, Utah
Delta	M. Ward Moody	Delta, Utah
Driggs	L. E. Peterson	Driggs, Idaho
East Side	James E. Moss	Salt Lake City
	Obert C. Tanneh	Salt Lake City
Enterprise	Newel R. Frei	Enterprise, Utah
Ephraim	N. E. Noyes	Ephraim, Utah
Escalante	E. B. Allred	Escalante, Utah
Ferron	Milton R. Hunter	Ferron, Utah

Seminary	Teacher	Address
Franklin County	R. Lee Kenner	Preston, Idaho
	James DeBry	Preston, Idaho
Grace	Harold S. Nelson	Grace, Idaho
Granite	F. K. Seegmiller*	Salt Lake City
	James E. Moss	Salt Lake City
	Daryle Chase	Salt Lake City
	M. D. Clayson	Salt Lake City
Grantsville	D. S. Adams	Grantsville, Utah
Gunnison	J. C. Watts	Centerfield, Utah
Hinckley	R. T. Hinckley	Hinckley, Utah
Huntington	J. Wayne Moss	Huntington, Ut.
Hurricane	A. Noble Kimball	Hurricane, Utah
Jordan	Carter E. Grant	Sandy, Utah
	Heber D. Clark	Bountiful, Utah
	M. L. Bennion	Salt Lake City
Lehi	Frank W. McGhie	Lehi, Utah
Lincoln	V. C. Anderson	Provo, Utah
Logan	Ed. J. Passey	Logan, Utah
	L. R. Robinson	Logan, Utah
	C. P. Daniels	Logan, Utah
Lovell-Cowley	Joseph S. Fish	Lovell, Wyoming
Lyman	Willis J. Lyman	Lyman, Wyo.
Malad	H. W. Lawrence	Malad, Idaho
	E. M. Chadwick	Malad, Idaho
Manassa-Sanford	Stanley E. Best	Sanford, Colo.
Manti	L. E. Anderson	Manti, Utah
Mesa	J. R. Wilkins	Mesa, Arizona
Midway	Ariel S. Ballif	Menan, Idaho
Millard	S. D. Moore, Jr.	Fillmore, Utah
Monroe	V. L. Israelsen	Monroe, Utah
Montpelier	S. H. Spencer	Montpelier, Ida.
Morgan	C. Calvin Geary	Morgan, Utah
Moroni	Jos. W. Olsen	Moroni, Utah
Mt. Pleasant	A. H. Anderson	Mt. Pleasant, Ut.
Murray	K. K. Blacker	Murray, Utah
Nephi	L'Roy Whitehead	Nephi, Utah
North Cache	E. M. Hicken	Richmond, Utah
	Carl J. Furr	Richmond, Utah

*On leave of absence.

Seminary	Teacher	Address
Oakley	Wesley P. Lloyd	Oakley, Idaho
Opuirrh	A. C. Nielsen	Salt Lake City
Panguitch	S. Ross Hunt	Panguitch, Utah
Paris	Roy A. Welker	Paris, Idaho
Payson	John F. Oleson	Payson, Utah
Phoenix	May G. Kershaw	Phoenix, Ariz.
Piute County	A. C. Reynolds	Circleville, Utah
Pleasant Grove	Hyrum P. Jones	Pl. Grove, Utah
Pocatello	J. E. Fisher	Pocatello, Idaho
Provo	J. A. Washburn	Provo, Utah
	Marg't Gardner	Provo, Utah
Rexburg	Leon M. Strong	Rexburg, Idaho
Richfield	Newel K. Young	Richfield, Utah
Rigby	W. E. Berrett*	Rigby, Idaho
	T. Edgar Lyon	Rigby, Idaho
Roosevelt	Stanley R. Gunn	Roosevelt, Utah
Rupert-Heyburn	Jesse L. Roberts	Rupert, Idaho
Shelley	H. A. Fitzgerald	Shelley, Idaho
Snowflake	Willian C. Smith	Snowflake, Ariz.
South Cache	J. Karl Wood	Hyrum, Utah
	M. W. Smith	Salt Lake City
South Side	M. D. Clayson	Hyrum, Utah
	Harold B. Lee	Salt Lake City
South Summit	Silas L. Cheney	Kamas, Utah
Spanish Fork	E. Cecil McGavin	Spanish Fork,Ut.
	Laura Shepherd	Provo, Utah
Springville	W. T. Tew, Jr.	Springville, Utah
Star Valley	Ernest R. Clark	Afton, Wyoming
St. Johns-Eagar	David G. Thomas	St, Johns, Ariz.
Sugar City	H. L. Petersen	Rexburg, Idaho
Tooele	LeRoi Bentley	Tooele, Utah
Ucon	Grant M. Andrus	Ucon, Idaho
Vernal	A. S. Cannon	Vernal, Utah
Wasatch	D. A. Broadbent	Heber City, Ut.
Weber	F. G. Eyre	Ogden, Utah
	Pearson Corbett	Ogden, Utah
West Side	Ezra C. Dalby	Salt Lake City
	Eugene Hinckley	Salt Lake City

*On leave of absence.

Historical

The Brigham Young University, formerly designated the Brigham Young Academy, was founded by a deed of trust executed by President Brigham Young, October 16, 1875.

It is in charge of twelve trustees, elected triennially, by the vote of the Latter Day Saints, acting through the First Presidency of the Church of Jesus Christ of Latter Day Saints.

For many years it was dependent upon fees and the proceeds of the original endowment for its maintenance, but in recent years an annual church appropriation has been the chief source of its financial support.

Buildings—The first home of the institution was a mercantile building, standing on the present location of the Farmers and Merchants Bank.

Subsequently, this building, with several additions, was destroyed by fire. The school, however, resumed its sessions with the loss of but one day. The basement of the Stake Tabernacle, a store, and the First National Bank building, housed the school for a short time.

From these temporary quarters it moved into the upper story of the Z. C. M. I. warehouse, at the corner of Sixth South street and University avenue. This was the home of the school for seven years.

In 1891 the school moved to what is now known as the Education building, a structure costing $75,000, made possible chiefly through the personal credit of President Abraham O. Smoot and his associates on the Board of Trustees.

The College building, a gift of ten persons whose names are upon a marble tablet in a hall of the building, was erected in 1898. The responsibility for rais-

ing the funds for this buillding was undertaken voluntarily by Reed Smoot, a member of the Board of Trustees.

The Training School Building was built in 1902, the cost of which was met by the contributions of friends of the school, chief among whom was "Uncle" Jesse Knight.

The Art building was erected in 1904, a gift of the nearby stakes comprising what was known at that time as the B. Y. U. academic district.

The Alumni Association, in honor of Dr. Karl G. Maeser, presented the institution with the Maeser Memorial building in 1911. The cost of this building was $112,000.00. "Uncle" Jesse Knight contributed liberally to the Alumni Association in this project. The heating plant and furnishings were provided by the Church. This building was the first to be erected on University Hill.

The Women's Gymnasium, which is also a recreation building, was erected in 1913.

The Mechanic Arts building, on University Hill, was erected in 1919.

The Heber J. Grant Library building, also on University Hill, was erected in 1925.

The last three named buildings were built by Church appropriations.

Campus—The first campus of the school was limited to a small playground back of the building which was destroyed by fire. The present Education building was erected in the center of a block 24 by 24 rods.

Then came the purchase of University Hill. As early as 1904, steps were taken to acquire land on this site. A purchase of seventeen acres was made from

Provo City. A gift of something over seven acres came from the Fourth ecclesiastical ward of Provo; part of an acre was purchased by an alumnus, and the point of the hill by the student body. The remaining area comprising the present campus of seventy-five acres, was purchased by the University, following a movement initiated by the Alumni Association.

Administration—The first faculty consisted of the principal and two assistants, Dr. Karl G. Maeser, Dr. Milton H. Hardy, and Kristina Smoot. Dr. Karl G. Maeser served as principal until 1891, when he was called to the general superintendency of Church schools. Dr. Benjamin Cluff, Jr., succeeded Dr. Maeser and served as the executive head of the school until December 22, 1903. Dr. George H. Brimhall succeeded Dr. Cluff and served the institution as president until April 26, 1921, when he was made president-emeritus. On the same date Dr. Franklin Stewart Harris was appointed president, taking office July 1, 1921.

Educational Growth—The first credential granted by the institution was a teacher's certificate given on the completion of one year's normal work. This was followed by a certificate requiring two years' normal work, followed later by the degree of Bachelor of Pedagogy, issued upon the completion of four years' normal work.

Later the Bachelor of Arts and Bachelor of Science degrees were authorized to be conferred upon the completion of the regular four years college courses.

Master degrees have been authorized since 1918.

On February 11, 1909, by an action of the General Church Board of Education the collegiate department of the University was designated The Church Teachers' College.

At the beginning of the school year 1920-21, the

name Church Teachers' College was changed to School of Education, and the School of Arts and Sciences was established.

During 1921 a college of Commerce and Business Administration was organized and courses leading to a degree of Bachelor of Science outlined. The names, School of Education and School of Arts and Sciences, were changed to College of Education and College of Arts and Sciences. At the same time an Extension Division, a Research Division, and a Graduate Division were organized.

January 25, 1922, a college of Applied Science was established to include the departments of Agronomy, Animal Husbandry, Art, Auto Mechanics, Foods and Nutrition, Horticulture, Household Administration, Textiles and Clothing, and Woodwork.

On April 21, 1925, a College of Fine Arts was established to include the departments of Art, Music and Speech.

During the year 1928-1929 the Y Stadium was completed, the name of the College of Commerce and Business Administration was changed to College of Commerce; and the Graduate Division was changed to Graduate School.

University Credits Recognized—The Brigham Young University is on the list of approved colleges of the Association of American Universities. It is also a member of the Northwest Association of Secondary and Higher Schools, the American Council on Education, and the Association of American Colleges.

ORGANIZATION

The Brigham Young University as now organized comprises:

1. **A College of Applied Science**

2. **A College of Arts and Sciences**
3. **A College of Commerce**
4. **A College of Education**
5. **A College of Fine Arts**
6. **A Graduate School**
7. **An Extension Division**
8. **A Research Division**

Elementary and Secondary Training Schools are maintained in connection with the College of Education.

DEPARTMENTS OF INSTRUCTION

Accounting and Business Administration
Agronomy
Animal Husbandry
Art
Botany
Chemistry
Economics
Educational Administration
Elementary Education
English
Finance and Banking
Geology and Geography
History
Home Economics
Horticulture
Library
Mathematics
Mechanic Arts
Modern and Classical Languages
Music
Office Practice
Physical Education
Physics
Political Science
Philosophy of Education
Psychology

Secondary Education
Sociology
Speech
Religious Education
Zoology and Entomology

UNIVERSITY FEES

College and Graduate Students:

Registration fee for full year if paid at beginning of Autumn quarter $70.00

Registration fee for less than the full year, the quarter. $25.00

Withdrawal deposit ..... $ 1.00

Student Activity Fee, each quarter ..... $ 5.00 or $12.50 for the year if paid in advance.

A Gymnasium Service Fee, each quarter .. $ 1.00

Secondary Training School:

Senior High School—10th, 11th, 12th grades, the year $30.00

Activity Fee ..... $ 7.50

Gymnasium Service Fee, the year ..... $ 1.50

Junior High School—7th, 8th, 9th grades .. $15.00

Activity Fee ..... $ 2.50

Gymnasium Service Fee, the year ..... $ .75

Elementary Training School—1st to 6th grades, the year. $10.00

Special Fees:

Late Registration—after first week of each quarter ..... $ 2.00

Special Students—eight credit hours or less, for each hour. $ 2.50

Special Examinations, for each hour ..... $ 2.50

(Provided the maximum fee in any one subject shall not exceed $20.00.)

Graduation ---------- Degree $10.00
Diploma $ 5.00

Special fees are charged for private instruction in Vocal and Instrumental Music, Dramatic Art, and some special courses in Art.

Breakage deposits are required in the departments of Chemistry, Mechanic Arts, and for laboratory courses in Bacteriology and Soil Fertility; and a special fee of $5.00 is charged those who elect Secondary or Elementary Training.

STUDENT EXPENSES

The cost of books varies from $5.00 to $10.00 a quarter, depending upon the number and the nature of the courses elected.

Board and room in private homes costs from $4.50 to $6.50 per week. By renting rooms and boarding themselves, students are able to reduce considerably the cost of room and board. In many cases it has been reduced to $12.00 a month.

If students desiring assistance will call on the Students' Accommodation committee when they arrive in Provo, they will be directed to the kind of place they wish. When students desire to change boarding places, they are expected to call on and notify the chairman of this committee.

The University insists that boys and girls be housed separately. The boarding houses are inspected to see that accommodations are satisfactory. The University maintains a Cafeteria, where students may secure the noon meal at cost.

ENDOWMENTS

The Jesse Knight Endowment Fund.—On December 21, 1914, the late Jesse Knight made an endowment to the University of one hundred thousand dollars in six percent bonds. The interest payments on these bonds, together with the payments on bonds which have matured, have been placed at interest, and the cash credit on this account now represents approximately twice the amount of the original endowment. The income from this endowment becomes available during the school year 1933-34.

The Brigham Young University Permanent Endowment Fund.—June 4, 1929, the B. Y. U. Associated Alumni initiated a **permanent endowment fund** for the University. Some very generous contributions and subscriptions were made at this alumni reunion, and the work of building such an endowment has been carried forward by the alumni and school officials with very gratifying results. The members of the graduating classes since that time have shown a remarkably loyal spirit by subscribing to this fund an average of one hundred dollars each.

LOAN FUNDS

The Emmeline B. Wells Relief Society Loan Fund.—In honor of Emmeline B. Wells, the General Board of the Relief Society has established a loan fund to assist young women to complete their school work. The lending of this fund is under the supervision of the Deans' Council.

Student Loan Fund.—The Sophomore class of 1922 established a loan fund to assist students to complete their school work. This fund is augumented each year, the Sophomore class assuming the responsibility for making an annual addition. The lending of this fund is under the supervision of the Deans' Council.

Harmon Foundation Student Loan Fund.—The Brigham Young University has been chosen by the Harmon Foundation as one of the limited number of colleges in the United States whose students may receive assistance in financing their education. Juniors and Seniors, up to a given number each year, may borrow money from this fund. The Harmon Foundation is a strong financial organization now rendering financial assistance to students in many of the colleges in the United States. A faculty committee represents the University in making these loans.

Gamma Phi Omicron Loan Fund.—The Home Economics Club of the University (Gamma Phi Omicron) has established a loan fund to assist students of the Home Economics department. The lending of this fund is under the supervision of the Deans' Council.

Alpha Kappa Psi Loan Fund.—The Alpha Kappa Psi has established a loan fund for senior students of the College of Commerce. The lending of this fund is under the supervision of the Deans' Council.

Federation of Women's Clubs Loan Fund.—The First District Federation of Women's Clubs of Utah has established a loan fund to be lent to the senior girls of the University. The lending of this fund is under the supervision of the Dean's Council.

ASSOCIATED STUDENTS

General Organization.—This organization is composed of all students who attend Brigham Young University and is presided over by officers elected by them. It seeks to develop interest on the part of every student in all those activities which contribute to a more democratic "Y" spirit, and to furnish opportunities for all students to participate in those activities which interest them most. Through this organization, student traditions are kept alive. All interclass and intercollegiate

activities are encouraged and unified by this organization. Forensic, dramatic, and music activities are fostered by and are under its management and through it the students publish the school periodicals and also the University year book, the "Banyan." The organization also functions as an auxiliary of the school discipline.

Associated Women Students.—This is an organization comprised of all girls registered in the institution. Its purpose is to aid and foster all girls' activities. This organization is also a member of the Western Division of the National Organization of Associated Women Students, which includes practically all of the universities and colleges in the United States.

The Presidents Club.—This club is composed of the presidents of all clubs, units, classes or any other student organization upon the campus. Its purpose is to keep union and harmony in student activities by keeping the organizations united, and to maintain a student union, rather than cliquishness, and club consciousness. The President of the Associated Students presides over it and calls the club together whenever it is thought advisable by the Student Council.

Block "Y" Club.—An organization of students who have won a Block "Y" in intercollegiate athletic or forensic competition. Its purpose is to foster the traditions of the school, keep live the athletic and forensic spirit, encourage a true spirit of sportsmanship and to meet visiting teams of athletes or debaters and help to encourage friendly relations with sister institutions.

STUDENT BODY PRIZES AND AWARDS

The Kirkham Medal, a gift of Francis W. Kirkham, to those who win their state inter-collegiate debates.

The Dixon Silver Cup, is presented for the best

extemporaneous speech. It is given annually by Mr. Rulon Dixon.

The Dr. Horace G. Merrill Silver Loving Cup is awarded to the student of the University who shall attain first place in the annual Cross Country Run, held immediately preceding the Thanksgiving recess. Should a student win first place more than twice the cup becomes the property of such student.

CLUBS AND SOCIETIES

To enlarge the educational and social opportunities of the university, units, clubs, and societies are organized. In these groups, the spirit of the institution is fostered, and democracy is especially encouraged.

SOCIAL-UNIT ORGANIZATION

The University recognizes proper social development as one of the important by-products of college training. For many years this social opportunity has been provided through the class and club organizations of the institution, but in recent years these organizations have become too large to provide students with the intimate social contacts, and opportunities for leadership which are thought desirable.

To provide suitable opportunity for the fulfillment of this purpose the Social Unit Organization was adopted.

The plan provides that every student in the University shall belong to a Social Unit. These units include from twenty to thirty members, grouped on the basis of sex, social interest and congeniality. The whole scheme is democratically controlled by the Social-Unit Committee, which consists of members from faculty, classes, and other organized groups in the University. The Inter-Social-Unit Council, made up of representatives from each Social Unit, has juris-

diction over the internal affairs of the Units, such as fees, costs of entertainments, etc.

The Social Units are doing much to keep alive the social ideals of the University and to perpetuate the democratic social traditions characteristic of the Student Body.

DEPARTMENTAL ORGANIZATIONS

This group of organizations has the specific purpose of bringing together persons of similar scholastic interests and of rendering their work more pleasurable and profitable. Each group will foster the activities of the department to which it is allied. The eligibility rules thereof will be such that any member of the department may qualify for membership by meeting the scholastic requirements imposed by the organization. The fees will be reduced to a minimum. Each organization will have a faculty advisor. The following departmental clubs and societies have been organized:

The "Ag" Club.—This organization is open to all students of Agriculture, the purpose being to meet and receive instruction from men who have succeeded practically and scientifically in the agricultural work of the state. Meetings are held every alternate Wednesday afternoon. Social functions in conjunction with the Home Economics department are featured during the year.

Art Club.—This organization is for the benefit of students having special talent in any particular phase of fine art and applied art. Lectures on practical topics in connection with arts and crafts are given by members of the faculty and other recognized educators. Exhibitions of artists and of craftsmen's work are held under the auspices of this organization.

Drama League.—The purpose of this league is to foster the art of reading and dramatics, to appreciate

paintings and music, and to give opportunity to its members to hear lectures and readings from the best talent of the state as well as those who are on the lecture platform and the stage. The society meets weekly. It is affiliated with the Drama League of America.

French, Spanish, German, and Latin Clubs.—Teachers and students interested in the study of French or Spanish or German or Latin are organized into clubs. These clubs meet twice a month and enjoy programs of songs, talks, reports, games, etc., in which the foreign language is the medium of speech. The clubs are in the fullest sense student organizations. Membership is open not only to students but also to all people within easy reach of the University who have studied or are studying the modern languages. Membership privileges are especially extended to people of the community of French, German, Spanish or Spanish-American birth.

Home Economics Club.—The club is organized to create a professional spirit among the students of Home Economics. Regular meetings are held at which interesting lectures are given. Special activities are fostered. All girls registered in Home Economics courses are eligible for membership.

Gamma Phi Omicron.—(Home Economics.) An organization of the advanced students majoring in some phase of Home Economics. Its purpose is to develop culture and scholarship among its members, and to lend its aid in establishing better homes and community life.

Literary Club.—The purpose of this organization is to develop greater appreciation of good literature and to give opportunity for practice in oral and written expression. Carefully prepared lectures on literary topics and dramatic readings will be given by advanced students, members of the English faculty, and others.

Music Society.—This society meets conjointly with the Drama League and alternately furnishes programs of varied musical importance. Leading musicians of the state will augment local talent in producing some of the world's greatest music. Membership in this society entitles admittance to all Drama League activities.

Young Commerce Club.—This club is a student organization devoted to the development of good fellowship among the business students. Luncheons and programs are given at regular intervals during the school year at which prominent business and professional men of the inter-mountain country are the principal speakers. All students of the College of Commerce are eligible for membership.

Young Education Association (Y. E. A.)—An organization of all students working for the two-year normal diploma. Its purpose is to foster fellowship and sociability among its members, and to encourage their educational life by bringing in prominent educational speakers.

Young Women's Missionary Club.—An organization of women students who have been engaged in active missionary service. Its purpose is to preserve the missionary spirit among the students and alumnae of the University and to render help where possible to women missionaries in the field.

Delta Phi.—An organization open to all male students who have done regular missionary work. Its purpose is to foster fellowship, missionary ideals, and sociability. Luncheons and programs are given during the school year at which prominent men of the Church and State are the principal speakers. This chapter is associated with like chapters at the Utah Agricultural College, Weber College, and the University of Utah.

Psychology Club.—An organization to foster a bet-

ter understanding of scientific psychology, and to supplement the regular courses of the department by affording the opportunity of discussing certain current problems by advanced students and outside speakers.

David Starr Jordan Biology Club.—This organization is open to all who have shown special interest in the fields of biological science. The club aims to develop interests in all forms of biological study and has, for its major project, the building of a library of natural science literature. During the past two years some 250 volumes have been collected by club members. The increasing animal and plant collections of the department and the new laboratory at Utah Lake, offer interesting material for new students. Special lectures by eminent state naturalists, have proved to be of the greatest interest and educational value. Outside of resident students, the membership consists of faculty members, alumni and prominent townspeople.

Graduate Club.—This club is an organization of the students of the University who are pursuing graduate study. The purpose of the organization "shall be to foster fellowship among its members; to stimulate a desire for higher learning; to assist in finding and developing leadership in the communities; and to use every effort to enhance the interests of the Brigham Young University." A student becomes a member automatically upon registration in the graduate division.

The "Y" Chemical Society.—An organization consisting of students interested in the field of chemistry. Meetings are held every alternate week, at which time lectures dealing with the outstanding problems in chemistry, or material intimately connected with this field are given by authorities on the specific subjects. Various excursions to the outstanding institutions of scientific value and interest in the state are sponsored.

Geographical Clubs are organized for the futher-

ing of social enjoyment and the establishing of bonds of sympathy between the school and the home.

NATIONAL FRATERNITIES

Theta Alpha Phi.—National professional dramatic fraternity—co-educational.

Tau Kappa Alpha.—Honorary national debating fraternity. Those who engage in inter-collegiate debating and oratory or who attain marked distinction in forensic activity are eligible to membership.

Alpha Kappa Psi.—(Commerce). (Beta Delta Chapter). The purpose is to foster studies in commerce, encourage scholarship and association between members and the commercial world. Male College of Commerce students above freshman standing are eligible for membership.

Beta Beta Beta.—(Phi Chapter).—Installed January 31, 1931. An international honorary biological fraternity, which emphasizes a three-fold program: sound scholarship; dissemination of scientific knowledge; and promptness of biological research. All junior and senior students having twenty-four hours of biological credit are eligible for membership.

Phi Delta Pi.—Women's National professional physical education fraternity. Xi chapter installed November 21, 1931. Its purpose is to stimulate professional and scholastic interest in physical education.

NON-STUDENT ORGANIZATIONS

B. Y. U. Women's Organization.—The purpose of this organization is to foster the ideals of the institution and to help furnish recreation and social amusement for the faculty. A woman is eligible for membership in this organization and becomes a member on payment of dues provided that at the time she seeks ad-

mission she is either: (1) a present faculty member, (a faculty member is one who holds at least the rank of instructor); (2) a past faculty member; (3) a matron; (4) a board member; (5) the wife of a faculty member who has died in the service of the school; (6) the wife of a present faculty or board member.

Faculty Fine Arts Club.—This club is organized to develop and maintain a closer co-operation among the members of the fine arts faculty; to increase the appreciation of each member for all arts; to keep the members aware of what is going on in the various fields of fine arts; and to encourage among the members original creation in music, literature, painting, etc.

Faculty Forum.—The purpose of this organization is to stimulate scientific research. Opportunity is afforded the faculty to hear papers dealing with problems of interest in the various fields of science.

SCHOLARSHIPS AND PRIZES

Maria Y. Dougall Scholarship.—A scholarship for girls, representing $30.00 awarded annually on the recommendation of Mrs. Maria Y. Dougall of Salt Lake City.

Eliza A. Wollacott Scholarship.—A scholarship for girls representing $30.00 awarded annually through the recommendation of President Emeritus G. H. Brimhall.

Van Wagenen Band Scholarship.—For the encouragement of worthy students in the line of band music, Mr. Alma Van Wagenen of Provo has established an annual scholarship of $50.00.

Annual Commercial Contest Scholarship.—Two scholarships are awarded to the winners of the shorthand and the typewriting events in the Commercial con-

test for high school students held at the University each year.

Alpha Kappa Psi Scholarship Award.—Alpha Kappa Psi Fraternity, Beta Delta Chapter of which is established in the College of Commerce, awards annually the Alpha Kappa Psi Scholarship Medallion to the male student of the junior class in commerce who possesses the highest scholastic average for three years' work taken in this university.

The Oscar B. Young Prize.—An award of $50.00 given annually by Professor Kinball Young for the best essay on some phase of **Mormon Community Life.** The adjudication is under the supervision of the department of Sociology.

AWARDS

Provo Chamber of Commerce Medal.—The Provo Chamber of Commerce presents annually a gold medal to the most efficient student in the University, based upon scholarship, social status, and public service.

The Elsie Chamberlin Carroll Medal.—Mrs. Elsie Chamberlin Carroll presents annually a gold medal to the student (girl) of the University writing the best short story.

The Adams Gold Medal.—Mr. and Mrs. Walter Adams present annually a gold medal to the student who renders best two selected compositions on any stringed instrument other than the piano. One selection is to be by an American composer, the other by a recognized artist.

The Taylor Gold Medal.—Mr. Lester R. Taylor presents annually a gold medal to the student who renders best a piano selection, the composition to be by a recognized artist.

The Pardoe Gold Medal.—Professor and Mrs. T. Earl Pardoe present annually a gold medal to the student rendering the best selection on any wind instru-

ment. One selection is to be by an American composer, the other by a recognized artist.

The Woolley Gold Medal.—Miss Mary Woolley presents anually a gold medal to the student giving the best rendition of a dramatic reading.

The Stein Gold Medal.—Mr. J. Edwin Stein offers annually a gold medal for the most efficient athlete. Efficiency is based upon participation in athletics, scholarship, and social activity.

The R. R. Irvine Medal is presented annually for excellence in oratory, subject to be based upon some economic problem.

The Sophomore Class, 1921, Gold Medal is awarded annually for excellence in vocal art.

The Noble Medal.—Mrs. Hazel Noble Boyack offers annually a gold medal to the most efficient senior student enrolled in the Home Economics department. The selection of such student will be made by the faculty of the Home Economics department.

The Provo Drama Center, Mask Award.—A prize of twenty-five dollars is given each year for the best one-act play of merit, on a Western or pioneer theme.

Provo Rotary Club Gold Medal.—A gold medal awarded to the winner of an oratorical contest on some subject of international good will.

Studio Guild Medal.—A gold medal is awarded annually by the Studio Guild for the best landscape painting done in any medium. Members of the Art department faculty and the officers of the Studio Guild make the selection.

Dramatic Service Awards.—The Dramatic Art department awards annually a dramatic honor pin to each of three students who have given the most help-

ful service to the University and to the community during the year.

Egbert Gold Medal.—Miss Anna Egbert gives a gold medal for the most efficient debater each year. The award is made in honor of her father, Robert N. Egbert.

The Evans Competitive Acting Award.—Mr. Edmunds Evans offers annually a watch for the student, who, in the estimation of a group of judges plays the best sustained role in the annual competitive play.

The Evans Gold Medal.—Mr. Edmund Evans offers annually a gold medal to the most efficient graduate in the Speech department. Efficiency is based upon participation in speech activities social activity, and scholarship.

DISCIPLINE

The maintenance of standards of honor, Christian integrity, and Latter-day Saint ideals is required. Within these limits the students are given the fullest freedom. Those who fail to conform to these standards either in personal habits or associations are subject to discipline.

The use of tobacco will not be permitted, and having improper associates or visiting places of questionable repute will not be tolerated.

All social functions given by any organization of the school are under the direction of the standing committee on socials. Any disciplinary announcement made by the executive of the institution becomes a part of these regulations. Violations of regulations makes the offender liable to suspension or expulsion.

Regular attendance is required at all recitations, laboratory and field work. The committee on attend-

ance and scholarship has general supervision of the disciplinary work of the institution. Regular students who are not satisfactorily carrying at least ten hours work will not be allowed to remain in the institution.

FUNCTION OF THE MEDICAL DIRECTOR

The principal function of the medical director is to conduct the physical examinations of the students and to look after the general health conditions of the school. In addition all students have the privilege of free consultation with him at his university office during scheduled office hours, or by appointment. He will gladly respond to all calls to investigate the presence of contagious diseases, but he cannot assume the responsibility of furnishing free treatment for such cases, as is done in schools where the students pay a medical or hospital fee. However, if those students who are unable to pay for necessary service are reported, efforts will be made to see that they are taken care of. No charge will be made for first aid service to persons injured in athletic contests or other forms of school activities, except for material used.

DEAN OF WOMEN

The Dean of Women is charged with the general oversight of all women students, and is always ready to aid and advise them in matters pertaining to their university life. She will not only attend to the special needs of young women during school hours, but will use every precaution to see that they are properly cared for at their boarding places. All women students are required to leave a directory card with the Dean of Women when they register.

LIBRARY

The University Library contains about 75,000 volumes and 50,000 pamphlets and bulletins. These publications cover all phases of human interest and offer opportunity to make intensive studies in almost any field of the sciences or arts. The library has for years been a Government Depository to receive all Government documents. These documents are all well classified and indexed. Besides the Government Documents the Library has nearly a complete set of all agricultural experiment station literature from every state in the Union. It regularly receives important State documents on education, history, politics and various other topics as they are issued by the different states, and is on the publication exchange lists of many of the colleges and universities of the United States and elsewhere. The Carnegie Institute of Washington, the Carnegie Peace Foundation, the Rockefeller Foundation, the General Education Board, the American Council on Education, the Milbank Memorial Fund, the Bell Telephone Laboratories and several of the large business organizations all supply technical and informative literature. The Library subscribes for such technical journals and magazines as are essential to a through college education, and it maintains its own book bindery.

Each year the Library strengthens itself along specialized lines through contributions of books to its special collections, of which the following are now being rapidly augmented:

B. Y. U. Women (Memorial) Collection—General
Brimhall Collection—Theology
Bennion Collection—Biography
Egbert Collection—Music
Henning Collection—Archaeology
Hinckley Collection—Geology
Ivins Collection—The American Indian

Jordan Club Collection—Biology
Lund Collection—Music
McKay Collection—Education
Mask Club Collection—Dramatics
Nelke Collection—General Literature
Reynolds Collection—Literature
Smith (F. W.) Collection—Chemistry
Sorosis Club Collection (Memorial)—General
Spilsbury Collection—Home Economics
Whitaker Collection—Foreign Languages
Widtsoe Collection—Agriculture

The Library is open each school day during the regular school year from 8 A. M., until 10 P. M.; on Saturday from 10 A. M., until 4 P. M.; and during the Summer Session from 7:30 A. M., until 8 P. M.

SPECIAL SCIENTIFIC AND ART COLLECTIONS

The Zoological and Entomological Collections of the University consist of a large series of identified invertebrate and vertebrate species of Utah and contiguous states.

The Entomological Collection consists of over 50,000 specimens; the Tom Spalding Collection of Utah lepidoptera, the Chester Van Buren Collection of South American Butterflies, some Weevils from the Blatchley Collection form important portions of this collection.

A complete series of the fish, amphibians, reptiles, birds and mammals of this region are to be found in the collection. The fish collection is especially rich in species and specimens from the intermountain region. There is also a collection of Hawaiian fish made by Dr. David Starr Jordan. Specimens of practically all the species of amphibians and reptiles of Utah and many species from various portions of the United States are in the collection. The bird collection consists of about

1700 skins; 1,000 of which were collected in the Magdalena River Valley of South America by Chester Van Buren in 1901-03. This collection is being added to annually by means of collecting expeditions that are sent out to various parts of the Western United States.

An excellent collection of plants is maintained by the Department of Botany. This collection includes a representative series of algae, liverworts, mosses, ferns, and seed-plants. There is also a collection of seeds and a collection of diseased plants.

The herbarium of ferns and seed-plants is made up principally of plants collected throughout the Western states, but many species obtained through various exchange herbaria of other sections are included. There is also a collection of plants from Siberia, obtained by President F. S. Harris in 1929, as well as a small group of plants from South America.

The principal collection, made up of Western plants includes 125 families, 600 genera, and 1800 species, represented by over 5,000 specimens. The collection is being enlarged by means of plants obtained on various collecting expeditions, plants obtained through the forest service, and various other sources.

The Geological Collections of the University consist of an unusually complete series of minerals and an interesting variety of fossils.

The minerals number many thousands and are representative of the great western mining districts together with hundreds of world localities of note. Part of this collection once represented the nucleus of the famous Deseret Museum Collection of Salt Lake City.

The fossil series are representative of many western and typical world localities. Much of this material was also formerly a part of the Deseret Museum col-

lection. The vertebrate collection is especially rich in original fossils and casts of the characteristic mammalian fauna that lived in the Western states during the immediate geologic past.

The Archeological collections include a number of well prepared case exhibits of Utah Indian materials, including pottery, basketry, stone implements, wearing apparel and picture writings. It also includes a number of South Pacific Islands collections together with what is thought to be the finest South American collection of Indian pottery in the West.

The Fine Arts Collection consists of paintings, sculpture and art prints. Early pioneer artists are represented as well as more recent and modern painters and sculptors. The collection comprises also noteworthy pieces done by such foreign artists as George H. Taggart and Louis Potter of Chicago, Lee F. Randolph of San Francisco, Pedro J. Lemos, Palo Alto, Cal., and the late Wm. Morris, London, England, The halls throughout the institution are graced by the collection instead of its being assembled in an art gallery.

GENERAL REQUIREMENTS FOR UNDERGRADUATE WORK

ADMISSION

A student seeking admission to any of the colleges of the University must be a graduate of an accredited high school, or he must present sixteen units of approved high school work which must be acquired during four school years, or he must pass an examination in a sufficient number of subjects to make sixteen units. In no case shall fewer than twelve of the sixteen units be acquired during the last three years of high school—this provision to go into effect in 1932-1933. He must offer among his credits the following:

English _____ 3 units
A principal group _____ 3 or more units
A secondary group _____ 2 or more units

The principal and secondary groups must be selected from either Mathematics and Science or from History and Social Science. At least one unit in Mathematics, either Algebra or Geometry, must be included in either the principal or the secondary group—this provision to go into effect in 1932-1933. If the principal group is from Mathematics and Science, the secondary group must be from History and Science, or vice versa.

To facilitate registration, a student seeking admission is requested to forward an official copy of his credits to the Registrar not later than September 1. If blanks for this purpose are not to be had at the local school, they may be obtained from the Registrar of the University.

In case a student is unable to furnish an official

transcript of credits on or before the day of registration, he may be admitted tentatively, provided the committee on admission and credits is convinced he can furnish such transcript and otherwise meet the entrance requirements within thirty days. During this tentative period he will be rated as unclassified.

A student of twenty-one years of age or over, who has not completed sixteen units of high school work, but shows ability to do special work, may be admitted to any of the colleges of the University. Ability to do special work must be certified to by the heads of the departments concerned. He may pursue any course for which he has sufficient foundation, and will be rated as an unmatriculated student. To become a candidate for a degree such student must meet the entrance requirements.

A student who has met the entrance requirements but who is carrying fewer than eight hours of work will be designated as a special student.

COURSE DIVISIONS

Undergraduate courses of study are divided into:

(a) Lower Division.
(b) Upper Division.

Lower Division courses are numbered in the catalogue from "1" to "49", Upper Division courses from "50" to "99". Graduate courses are given numbers above "100".

ELECTION OF STUDIES

The student, in electing his studies, should with the advice and approval of the dean of the college in which he registers, elect such studies as are desirable The major and minor, as well as the general, require-

ment for graduation should be kept in mind in electing studies. Three hours credit in Physical Education, are required of all Freshmen. Should a resident student desire to take courses by correspondence or in extension classes, the approval of the student's dean must be secured, and the correspondence or extension work entered upon the regular registration card. Excess work taken by correspondence or extension classes not approved in this manner, will not be recorded for credit. Resident students of other institutions who apply for correspondence or extension class work, at this University, must have their proposed registration approved by the president of the institution in which they are registered. Students wishing to transfer correspondence credits from other institutions are subject to examination by the University department concerned.

At least five quarters of lower division work should be completed before the student registers for upper division work, unless in certain sequences the dean with the consent of the instructor advises otherwise. Included in the lower division work must be English 1, 2, 3; and for the A. B. degree twelve hours in foreign language work. It is recommended that as far as possible group requirements be completed by the close of the sophomore year.

CLASSIFICATION OF STUDENTS

A regular student with fewer than forty-five hours credit at the beginning of the school year will be classed that year as a Freshman.

A regular student with more than forty-five hours credit and fewer than ninety at the beginning of the school year, will be classed during that year as a Sophomore.

A regular student with more than eighty-nine hours credit and fewer than one hundred thirty-five

at the beginning of the school year, will be classed during that year as a Junior.

A regular student with more than one hundred thirty-four hours credit at the beginning of the school year, will be classed during that year as a Senior.

CREDITS

A student may have credit entered on the books of the University as follows: 1. For work done in the regular courses offered by the institution. 2. For work done in an accredited college when such credit is to be used for graduation from the University, the amount to be determined by the committee on credit. 3. By passing a satisfactory examination in any course offered by the University under the supervision of the head of the department concerned. Credits from other schools should be filed with the Registrar upon entrance.

Special examination for advance credit will be given only with the consent of the head of the department concerned, the dean of the college in which the student is registered, and the committee on credit.

An incomplete course of study must be completed during the next quarter of residence, provided the next quarter of residence is within one year; otherwise the course must be retaken in class or a special examination taken to obtain credit.

A fee of $2.50 per credit hour is charged for special examinations, provided the total fee for any one subject does not exceed $20.00.

GRADUATION

GENERAL REQUIREMENTS

For a student to be admitted to candidacy for a diploma or a degree, his scholastic record must show that he has satisfied the entrance requirements, and that he can fulfill all the requirements for graduation on the completion of the courses for which he is registered. At the time of graduation each candidate must be properly registered in the University, and must have completed at least forty-five hours of work in residence.

The following graduation requirements apply to all candidates for a bachelor's degree from any of the colleges of the University:

Total amount of credit	186 hours
Requirements for a major	30 hours
Requirements for a minor	20 hours

Group Requirements:

Mathematics and Physical Science	12 hours
Biology and Psychology	12 hours
Social Science	12 hours
English and Foreign Languages	18 hours

Lower Division courses required:

English 1, 2, and 3.
Physical Education, three hours.

A candidate for a Bachelor of Arts degree is required to furnish 24 hours credit in a foreign language.

Not more than 28 hours of "D" grade credit will be applied towards graduation.

Students who expect to be graduated at the end of the spring quarter should file application with their dean not later than the beginning of the winter quarter.

All conditions must be removed not later than ten days before graduation.

Students who fulfill all requirements for graduation at the close of the Summer Session and who have filed application for graduation not later than thirty days preceeding the close of the spring quarter may have their graduation certified to by the proper authorities of the University, but they shall not be publicly graduated until the annual commencement of the following year.

The University reserves the right to change the requirements for graduation and a candidate for graduation will be asked to comply with all changes which pertain to the uncompleted portion of his course. The University Council is the body authorized to prescribe requirements of graduation and to pass on candidates.

GROUP REQUIREMENTS

Ordinarily the object of the first two years of the University curriculum is to introduce the student to fundamental fields of human interest and to provide a broad basis for later specialization. In order that these purposes may be achieved, certain studies should be completed under the direction of the respective deans. Before a regular student will be permitted to register for more than five quarter hours of upper division work during any one quarter, he must choose or be tentatively assigned to a major professor and have completed the number of hours prescribed in each of the following groups:

1. **Mathematics and Physical Science**—12 hours. (Mathematics, Chemistry, Physics, Geology and Geography). Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

2. **Biology and Psychology**—12 hours. (Botany, Zoology and Entomology, Psychology). Not more than six quarter hours in one department may be counted in fulfilling this requirement. At least one of the courses taken must require no fewer than two hours of laboratory work each week.

3. **Social Science**—12 hours. (Economics, History. Political Science, Sociology). Not more than six quarter hours in one department may be counted in fulfilling this requirement.

4. **English and Foreign Languages.**— 18 hours, at least 12 hours of which must be in English. This group must include English 1, 2, and 3. In case a student has credit for at least two units of foreign language taken in high school, this group may be reduced to 14 hours.

MAJOR AND MINOR REQUIREMENTS

At least sixty hours of upper division work must be furnished by students applying for graduation.

At the beginning of his college course, and in no case later than his Junior year each student should select his major professor who, in connection with his dean, will serve as his special faculty advisor. At the time of his graduation he must have completed no fewer than thirty quarter hours in the department in which he is majoring, and no fewer than twenty hours in a collateral or minor subject which meets the approval of his dean and his major professor. He must also satisfy any special departmental requirements announced in the catalogue.

In cases where the prospective graduate's high school and college work shows marked evidence of deficiencies in grade of scholarship, in breadth of training, or a preparation for probable future activity, the

dean may use his discretion in prescribing certain specified courses to the extent of fifteen quarter hours according to the needs of the particular student.

THE GRADUATE SCHOOL

All graduate work leading to higher degrees is now administered under the direction of the Graduate School.

Character of Graduate Work—The essential aim of graduate study is to develop the power to do independent work and to encourage the spirit of research. Each candidate for a higher degree is expected to possess a broad, general knowledge of his major and a fair degree of information in his minor subject.

Registration—All students pursuing graduate work are to be registered by the Dean of the Graduate School.

Students holding a Bachelor's degree equivalent to that conferred by the Brigham Young University will be admitted to graduate work without examination.

If during any quarter of the senior year a candidate for a baccalaureate degree finds it possible to complete all requirements for such degree with a registration of fewer than sixteen hours of undergraduate credit he may register with the Dean of the Graduate School for enough graduate credit so that the total registration shall not exceed sixteen quarter hours during such quarter.

Admission to graduate courses is granted only to those who have the requisite undergraduate work in those courses or departments. In order adequately to determine this fact the student should file with the Dean of the Graduate School an official transcript of his undergraduate courses at the time that he registers for graduate study.

Each graduate student must submit his course of study and the title of his thesis to his major professor, and the Dean of the Graduate School for approval. Changes in registration may be made only with their consent.

Graduate credit is given under the following conditions: (1) The courses for which graduate credit is given must be definitely catalogued as courses carrying graduate credit. (2) Only those students who are eligible to receive graduate credit at the time a course is taken will receive graduate credit for such a course.

Admission to Candidacy—Registration for graduate study does not admit a student to candidacy for a higher degree. A graduate student who has been in residence one quarter or more whose thesis subject has been approved, and who has given evidence of ability to do work of a graduate character may be admitted to candidacy for a higher degree by vote of the University Council. The mere accumulation of credits does not necessarily indicate ability to do graduate work. All applications for admission to candidacy for a higher degree should be made to the Dean of the Graduate School.

Requirements for the Master's Degree—Two higher degrees are offered: Master of Arts, (M. A.) provided the candidate meets the foreign language requirement for the A. B. degree; and Master of Science (M. S.) if the candidate does not meet the foreign language requirement for the A. B. degree. A student may be admitted to candidacy upon the completion of the following requirements: (a) The candidate must after securing a Bachelor's degree, furnish 48 hours of graduate credit, approved by the Dean of the Graduate School and major professor, 32 hours of which must be in residence, in addition to 186 hours of college credit, and 16 units of high school credit. (b) A thesis must be submitted based on work done in some field of in-

vestigation within the major department, and which must show evidence of independent research. The final acceptance of the thesis shall be under the supervision of a committee to be known as the Thesis Committee. This Committee shall consist of the major professor and two other persons to be selected by him. The thesis must be completed at least ten days before the final examination. (c) At least fifteen days before graduation, the candidate must pass an oral examination to be given by a committee to be known as the Examining Committee. This Committee shall consist of five members including the Dean of the Graduate School, the major professor, and three other members to be selected by them.

The candidate shall furnish complete copies of his thesis to his major professor and to the Dean of the Graduate School at least five days before the date of the final examination. (d) A bound typewritten or printed copy of the thesis must be furnished the University library. Before the degree is granted the candidate must file with the Dean of the Graduate School a statement from the Librarian acknowledging the receipt of this copy. (e) A candidate for a Master's degree must secure a grade of "B" or above in three-fourths of his graduate work. No grade below "C" will count toward a Master's degree. (f) An applicant for this degree must furnish at least one half of his graduate credit in his major subject. The rest of the credit for this degree must be offered in work closely related to the major subject.

SCHOLARSHIP HONORS

In recognition of meritorious work, scholarship honors are granted to members of degree graduating classes in accordance with the following.

First. There shall be two degrees of honor:

Graduation with Honor, and Graduation with High Honor.

Second. The awards shall be made on the basis of excellence shown in the upper division or graduate work done in the Brigham Young University.

Third. To receive the award of Graduation with Honor a student shall have a record of not fewer than thirty hours of upper division work showing "A" grade and not fewer than fifty hours of such work showing "A" and "B" grades.

Fourth. To receive the award of Graduation with High Honor a student shall have a record of not fewer than forty hours of upper division work showing "A" grade, and not fewer than fifty-five hours of such work showing "A" and "B" grades.

Fifth. The number of graduates receiving honors shall not be greater in any year than one-fifth of the number of students graduating. In the event that more than one-fifth of the graduates shall meet the honor requirements set forth above, the students to receive honors shall be chosen as follows: The number of hours of "A" grade of each subject shall be multiplied by "1½", and the number of hours of "B" grade by "1." The one-fifth of the graduates receiving by this process the highest product totals shall receive honors.

Sixth. It shall be the duty of the Committee on Graduation to make selection of candidates in accordance with these provisions.

Seventh. The announcement of honor awards is to be made at the annual commencement exercies.

Term Honors—The University will post and publish at the close of each quarter of the regular school year the names of the one graduate student, the five senior college students (juniors and seniors), and the

five junior college students (freshmen and sophomores) who have received the highest grades in class work during the quarter.

Class grades are to be used exclusively in determining honors, except in case of a tie, when the general school activity of the student shall be considered. The basis of the computation shall be credit hours times grade; and an "A" shall count one and one half times a "B".

Colleges

COLLEGE OF APPLIED SCIENCE

The aim of the College of Applied Science is to provide instruction in the scientific principles and technical operations pertaining to the farm, the home, the shop, and the professions, trades, and industries related to the same. Students may specialize in any one of the many fields of applied science and prepare for capable leadership and efficient service in their chosen lines.

Majors may be selected from the following departments in the College of Applied Science: Agronomy, Animal Husbandry, Horticulture, Home Economics, Mechanic Arts.

The work offered will be of standard collegiate grade and upon completion of the required amount of study in fundamental subjects, specialized courses, and related work a student may be granted the degree of Bachelor of Science or Bachelor of Arts.

COLLEGE OF ARTS AND SCIENCES

The primary purpose of the College of Arts and Sciences is to meet the needs of students who desire a broad and liberal education that will enable them to find and take their places in the complex civilization of today. Abundant opportunity is provided for those who have ambition for specialized study in engineering medicine, law; or who desire to train for religious, political or social leadership. Preparation for original investigation in the fields of this college is emphasized. Students who wish to build a foundation for advanced degrees will find this college rich in opportunity.

Students may select their majors from any of the following departments in the College of Arts and Sciences: Botany, Chemistry English, Geology and Geography, History, Mathematics, Modern and Classical Languages, Physics, Political Science, Psychology, Sociology, and Zoology and Entomology. The degrees Bachelor of Arts and Bachelor of Science are given to graduates of this College.

COLLEGE OF COMMERCE

The purpose of the College of Commerce is to provide training for leadership in finance and industry. Courses are so arranged that students will be given the training that will best fit them for analyzing business conditions, for efficiency in office administration, and for the demands of the industrial and financial world. The degrees Bachelor of Science and Bachelor of Arts are given to graduates of this College.

Majors may be selected from the following departments: Finance and Banking, Accounting and Business Administration, Economics, and Political Science.

COLLEGE OF EDUCATION

The College of Education is one of the professional schools of the University. Its principal function is the training of teachers, principals, supervisors, and superintendents. This college aims to meet the requirements of the Utah State Board of Education for the various grades of elementary and high school certification and for certificates and diplomas in administration and supervision.

The College of Education is made up of two constituent divisions, namely: The department of academic instruction, and the training schools.

The following departments are at present organized: Elementary Education, Philosophy of Education, Psychology, Educational Administration, Secondary Education, Religious Education, Physical Education.

In addition to the foregoing departments for majors and minors in the College of Education, students of this college may major in any department of the University, which department requirements they fulfill, provided they take at least thirty hours in professional educational subjects.

Students who intend to qualify for teaching should declare their intentions of doing so at the beginning of their junior year, if they intend to teach in the high schools, or at the beginning of their freshman year if they intend to teach in the elementary schools. Those who are preparing for high school teaching should also choose not later than the beginning of their junior year, a teaching major and a teaching minor in some of the departments of the University.

Training Schools—Two training schools are established: first, an elementary training school organized for practice teaching for those preparing for kindergarten and elementary school work; second a secondary training school which offers training in the six years of high school and gives ample opportunity for practice teaching to advanced students.

The degrees of Bachelor of Arts and Bachelor of Science are given to graduates of this College.

Students who are planning to become teachers in the elementary schools will be required to take a three year course leading to the normal diploma which is granted to students registered in the College of Education who complete three years of college work including English 1, 2, and 3, and the following technical courses in education: Elementary Education 1, four

hours; Psychology 21, three hours; Zoology 20, three hours; Elementary Education 12, five hours; Elementary Education 51, 52, six hours: Elementary Education 54, ten hours; Physical Education, three hours; Elementary Education 55, three hours, and enough electives to make a total of forty hours in education.

Normal students who entered the University at the beginning of the school year 1931-32 will be permitted to complete their work and may receive a two-year diploma at the close of the school year 1932-33. During 1933-34, second year students may take training but will not be given a diploma. In 1934-35 only those who have taken the prescribed courses for elementary teaching will be permitted to take elementary training.

This diploma is an endorsement of the student's fitness to teach in the elementary schools and will enable the student to secure a first class certificate from the state. Because of the size of the training school only a limited number of students can receive training each year.

Junior high school teachers are expected to complete three years of college work including the same special requirements made of senior high school teachers, a teaching major of 30 hours or two minors of 18 hours each.

The Utah State Board of Education prescribes the following for an applicant for a Utah Five-Year High School Certificate:

"That he has completed a standard college course of four years or its equivalent.

That he has a teaching major of 30 quarter hours in one subject taught in Utah high schools, and one teaching minor of 18 quarter hours in one subject taught in Utah high schools.

That he has completed 3 quarter hours of work in health education, 5 quarter hours in ethics or sociology, and 5 quarter hours in political science or economics.

That he has at least 27 quarter hours of credit in education including at least 8 quarter hours in secondary training, 3 quarter hours in science or principles of education, 3 quarter hours in organization and administration of secondary education and 3 quarter hours in educational psychology.

Deviation from any of these electives should be made only with the approval of the School of Education giving the course."

COLLEGE OF FINE ARTS

The policy of the University has always provided for a liberal patronage of the fine arts. A constantly growing desire to offer greater opportunities to those whose inclinations and talents lead them into this field resulted in the organization of the College of Fine Arts.

With an exceptionally well prepared faculty, who have received the benefits of extended study and travel in recognized art centers, and adequate physical equipment in each department, this college is able to do work of high scholastic standing.

Any course offered in this college, leading to a degree, is the cultural equivalent to other college courses differing from them mainly in respect to the emphasis placed upon the study of the fine arts.

At present the following departments are fully organized: Art, Speech, and Vocal and Instrumental Music. Majors may be selected from the work offered by these departments. Graduates of this college may receive the degree of Bachelor of Arts or Bachelor of Science.

SUMMER SESSION

It is the policy of the Brigham Young University to make the summer session one of the regular quarters of the school year. A large corps of teachers, supplemented by well known educators from other institutions, offers a wide range of subjects from each of the departments of the school.

The summer session is divided into two terms so that students may be in attendance only part of the summer, if they desire, without hindrance to the completion of their courses. The first term is held on the Provo Campus, the second on the Alpine Campus to the east of Mount Timpanogos. This latter campus is located about fourteen miles from Provo at an elevation of nearly 7000 feet. Splendid roads lead to it, making it easily accessible to anyone wishing to drive there. Although a wide range of subject matter is taught on this campus it affords exceptinally fine conditions for the study of art and the natural sciences.

The summer session offers the opportunity to persons who are employed during the usual nine months of schooling to pursue graduate work, and to regular students the opportunity to complete requirements for graduation in a shorter time than four years.

LYCEUM COURSE

For many years the University has brought to its students distinguished men and women in lectures, in dramatic art, and in music.

During the past year the following appeared on the course:

The Kedroff Quartet.
Dr. Lincoln Steffins.
Dr. Albert Edward Wiggam.
Dr. Bruno Roselli.
Isidor Belarsky, Baritone.
The Cherniavskys.
Dr. Charles M. Obermeyer.
Countess Alexandra Tolstoy.

Courses of Instruction

ACCOUNTING AND BUSINESS ADMINISTRATION

Professors Clark, Eastmond, Poulson, Hansen, Nelson, Marshall; Associate Professor Boyle; Assistant Professor Jensen; Mr. Allen.

Students majoring in this department are required to take courses 1, 2, and 74.

Lower Division Courses

1. Elementary Accounting.—Autumn and Winter. Daily. Autumn 1:30; Winter 10:30. Daily laboratory 1:30-3:30, one hour of which is required each day. Five hours credit. Boyle and assistant.

An introduction to college accounting. The aim of this course is two-fold: first, a preparation for those who plan to enter business at once, and second, as a foundation course for advanced work in accounting.

2. Elementary Accounting.—Winter and Spring, Daily. Winter 1:30; Spring, 10:30. Daily laboratory, 1:30-3:30, one hour of which is required each day. Five hours credit. Boyle and assistant.

Continuation of course 1.

14, 15, 16. Commercial Art.—Autumn, Winter or Spring, M. W. F., 10:30. One or two hours credit each quarter. Jensen.

Show card writing; poster art; advertising arrangement. Psychology of line, form and color.

17, 18, 19. Process Illustrating.—Autumn, Winter, Spring, T. Th., 2:30. Two hours credit each quarter. Eastmond.

Methods of drawing and painting for illustration. Drawing of the various process methods for modern engraving. Practical illustration. Prerequisite Art 7.

27. Cooperative Marketing. (See Economics 31) Nelson.

30. Commercial Geography. (See Geography 30). Hansen.

Upper Division Courses

50. Intermediate Accounting.—Autumn. Daily, 10:30. Four hours credit. Clark.

Primarily a study of corporation accounting with special emphasis placed on problems of depreciation; bases of revaluation, inventorying, etc. Open to students who have had Accounting, 1, 2, and 3, or the equivalent.

51. Intermediate Accounting.—Winter, Daily, 10:30. Four hours credit. Clark.

Continuation of Course 50.

52. Intermediate Accounting.—Spring, Daily, 10:30. Four hours credit. Clark.

Continuation of Course 51.

53. Principles of Risk-Bearing.—M. W. F., 10:30, Three hours credit. Boyle. (See Economics 53.)

54. Credits and Collections.—Winter, M. W. F., 9:30. Three hours credit. Boyle. (Not given this year.)

A course in credits which stresses the mercantile business aspect of the subject. Principles covering the granting of credit, the control of the credit line, when and how collections are made, establishment of Retail Credit Bureaus, contracts, installment selling plans and will make up the basic elements of the course. Prerequisites, Economics 1 and 2.

56. Mathematical Theory of Investment.—Spring, M. W. F., 10:30. Three hours credit. Marshall.

The application of mathematics to general business problems, annuities, amortization, capitalization, building and loan associations, depreciation, sinking fund, and bond values.

57. **Marketing.**—Autumn, M. W. F., 9:30. Three hours credit. Boyle.

An elementary course in Marketing in which the fundamental principles of Advertising and Salesmanship will be covered. The methods used to distribute manufactured goods rather than agricultural products will make up the basic elements of the course. Prerequisites, Economics 1 and 2.

58. **Retail Store Management.**—Winter. M. W. F., 9:30. Three hours credit. Boyle.

The problems of today's retail distribution will be considered in their relation to the following forms of organization: Individual proprietorship, voluntary chain, independent chain, cooperative chains, department stores, department store chains and specialty stores. Problems of management, accounting policies, financial and merchandise control and organization structures will be studied critically. Prerequisites, Economics 1 and 2, Accounting and Business Administration 1 and 2, or 53, 54, 57.

59. **Advanced Marketing.**—Spring. M. W. F., 9:30. Three hours credit.

A course for senior classification in which the information in Marketing in general will be drawn together for the executive of today who must look upon research as one of the numerous tools available to him. The intelligent use of marketing as such will be stressed. Courses 57 or 59, prerequisite.

62. **Industrial Management.**—Winter. M. W. F., 8:30. Three hours credit. Boyle.

This course deals with the necessity of research and original and creative thinking on the part of the business managers today if they are to raise business to a science and management to a profession. The organization of business for the most effective control of general administration, sales, purchases, etc. will be stressed.

63. Personnel Administration.—Spring, M. W. F., 8:30. Three hours credit. Boyle.

A study of modern practices and development in the scientific adjustment of the relations of employer and employee. This course places emphasis on the right human relations in industry in our complex machine age. Such problems as labor supply, labor turnover, promotion policy, trade tests, job analysis, etc., are studied. The significance to management of scientific labor control will be stressed. Senior classification, or Psychology 11 or 64 suggested as prerequisite.

64. Business Psychology.—Autumn, M. W. F., 2:30. Three hours credit. Poulson.

A brief consideration of the contributions of scientific psychology in the fields of advertising and salesmanship. Prerequisite; Psychology 11 or its equivalent.

65. Experiments in Business Psychology.—Winter. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

66a. Vocational Psychology.—Spring. M. W. F., 8:30. Three hours credit. Poulson. (See Psychology 66.)

66. Real Estate Procedure.—Autumn, M. W. F. Three hours credit. Boyle. (Not given this year.)

A course which deals with the real estate problem, urban land valuation, real estate merchandising and selling, the problem of the separation of land and building valuation for rental purposes.

67. **Business Management.**—Spring. M. W. F., 1:30. Three hours credit. Boyle. (Not given this year.)

A course in which the business cycle and its relation to policies and principles of business management is studied. Senior standing is a prerequisite in order to draw upon the entire college background of business training.

74. **Principles of Statistics.**—Autumn, Winter, and Spring. M. W. F., 9:30, Autumn and Spring; 10:30 Winter. Three hours credit each quarter. Allen.

Introduction to statistics. Collection and interpretation of data; methods of analyzing figures; graphic and charting technique; economic research procedure; averages, measures of dispersion, correlation and probability. This course required of all majors in Economics, Finance and Banking, and Accounting and Business Administration.

75. **Business Statistics.**—Winter and Spring. M. W. F., 9:30 Winter; 10:30 Spring. Three hours credit each quarter. Allen.

Fundamental methods of statistics in business and economic applications. Estimating future business; economic forecasting; fluctuations of business. Practical problems concerned with business facts, past, present and future will be used. Prerequisite: a course in elementary statistics.

81, 82, 83. **Commercial Art and Illustrating.**—Autumn, Winter, and Spring. T. Th., 10:30. Two hours credit each quarter. Eastmond.

Poster designing and lettering. System of lettering. Sign writing in various mediums. Historical alphabets. Prerequisites, Accounting and Business Administration 14, 15, 16. (See Art 51, 52, 53.)

91. Cost Accounting.—Autumn. M. T. W. F., 8:30. Four hours credit. Allen.

Introduction to methods and principles of cost finding. Specialized methods of handling materials costs, labor costs and overhead expense. Course 62 advised in connection with this course. prerequisite: Accounting and Business Administration 50, 51 and 52.

92. Advanced Cost Accounting.—Winter. M. T. W. F., 8:30. Four hours credit. Allen.

Industrial accounting. Practical work in cost determination. Analysis of uniform cost accounting systems of modern industries. Prerequisite: Accounting and Business Administration 90.

93. Income Tax Procedure.—Autumn. M. W. F., 1:30. Three hours credit. Allen.

Federal and State income tax regulations and procedure. This course is designed to qualify the student for practical income tax work. Prerequisite: Accounting 50, 51, and 52.

94. Auditing Theory.—Winter. M. W. F., 1:30. Three hours credit. Allen.

Principles and methods of public accounting work. Rules of professional responsibility and conduct. Advanced interpretation of accounts and financial statements. Prerequisite: Accounting and Business Administration 50, 51, and 52.

95. Auditing Practice.—Spring. M. W. F., 1:30. Three hours credit. Allen.

Practical work in auditing. Technique of verification of accounts and financial statements. Audit

working papers. Prerequisite: Accounting and Business Administration 94.

96. Advanced Accounting Problems.—Spring. M. T. W. F., 8:30. Four hours credit. Allen.

C. P. A. and American Institute of Accountants' problems. This course is primarily a review of advanced accounting. Courses recommended as preparation: Accounting and Business Administration 50, 51, 52, 90, 93, and 94; Finance and Banking 21, 22, 23, 51 and 52. Prerequisite: Accounting and Business Administration 50, 51, and 52.

Graduate Courses

101. Cost Accounting. (See Accounting and Business Administration 91.)

102. Advanced Cost Accounting. (See Accounting and Business Administration 92.)

103. Income Tax Procedure. (See Accounting and Business Administration 93.)

104. Auditing Theory. (See Accounting and Business Administration 94.)

105. Auditing Practice. (See Accounting and Business Administration 95.)

106. Advanced Accounting Problems. (See Accounting and Business Administration 96.)

111-112-113. Research in Accounting. Hours and credit to be arranged with instructor.

114-115-116. Research in Statistics. Hours and credit to be arranged with instructor.

AGRONOMY

Professors Martin, Nelson, Stewart; Associate Professor Sudweeks; Mr. Coffman, Mr. Shaw.

Lower Division Courses

21. Root Crops.—Autumn. Daily, 10:30. Four hours credit. Shaw.

Sugar beets and potatoes receive special emphasis. Seed selection, testing, discussion of experiment station results, etc.

22. Cereal Crops.—Winter, 10:30. Four hours credit. Shaw.

Selecting, grading, judging, and methods of production are studied. Special emphasis will be placed upon a review of the results obtained at the various experiment stations throughout the world, the aim being to gain, not only theoritical material, but much practical information obtained at great cost by the scientific investigators.

23. Forage Crops.—Spring. Daily, 10:30. Four hours credit. Shaw.

History, cultivation, experiment station results, etc.

41. Soils.—Autumn. M. W. F., 1:30. Lab. Mon. 2:30-4:30. Three or four hours credit. Martin.

The aim of this course is to give to the student a general idea of soil science. It is intended to furnish agricultural students with the fundamental principles underlying the problem of soils, and also to constitute a survey course for majors in agronomy.

Such topics as a fundamental conception of soil, how plants feed, the physical, chemical and bacteriological nature of soils, soil alkali, nitrogen relationships, fertilizers and fertilizer practice, green manures. barn-

yard manures and crop rotations, will be discussed. Field trips will be made.

Upper Division Courses

52. Soil Fertility.—Winter. M. T. W. F., 1:30. Laboratory period M. 2:30-4:30 (prerequisite for laboratory, Chemistry 6.) Three or four hours credit. Martin.

This course deals especially with availability of soil nutrients, alkali soils, soil organisms, farm manures, green manures and crop rotation.

57. Soil Geology.—Spring. M. W. F., 8:30. Three hours credit. Martin. See also Geology 57.

Prerequisites, Geology 1. Agronomy 41. General Chemistry is also advised. This course considers the nature and formation of soils. Topics such as the following will receive attention: rocks and minerals—their soil and plant relationships; influence of glaciers on soil formation; effect of decomposing organic matter on the nature of the soil formed; mechanical and chemical agencies of rock decay. Also a study will be made of the major soil divisions of the United States. Field trips will be made together with some laboratory work with rocks and minerals. Some class periods will be given over to field and laboratory work.

61. Farm Management.—Winter. T. Th., 8:30. Two hours credit. Shaw.

This course takes up the general consideration of farm management, types of farming, organization of farm business, soil management factors, sources of profit and loss, farm management surveys, etc. It is suggested that the following courses precede the courses in farm management: Economics 11, 12; Horticulture 1, 2; Animal Husbandry 2, 21; Agronomy 22, 23, and 41.

62. Farm Management.—Spring. T. Th., 8:30. Two hours credit. Shaw.

A continuation of course 61.

63. Irrigation and Drainage.—Autumn. Three hours credit. Coffman. (See Geology 63.)

64. Teaching of Agriculture.—Two hours credit. Autumn. Sudweeks. (See Secondary Education 63.)

70. Range and Forest Soils.—One to four hours credit. Stewart and Martin.

Nature and quality of soils as they occur on ranges and forests of the intermountain region; physical and chemical properties of these soils; distribution of principal soil types, particularly in relation to the native vegetation; irrigation and its influence on the soil cover and on plant production. Advanced students admitted by application for thesis problem in field during spring, summer or autumn.

91. Western Land Problems.—Spring. M. W., F. Three hours credit. Nelson. (See Economics 91.)

92. Soil Bacteriology.—Autumn. M. W. F., 8:30. Three hours credit. Martin.

Prerequisites, Botany 21, and Agronomy 41, 52. A lecture course designed to acquaint the student with bacteria in relation to soil fertility. A study will be made of ammonification, nitrification, nitrogen fixation, organic matter and mineral transformation, energy transformation, microbiological analysis, oxidation and reduction processes, influences of environmental conditions, etc.

93. Soil Bacteriology.—Autumn. W. F. 2:30-5:30. Two hours credit. Martin.

A laboratory course to accompany course 92. It will consist of a study of methods used in bacteriological investigation. Prerequisites, Botany 21, 22 and Chemistry 6.

94. History of Agriculture.—M. W. F., 10:30. Three hours credit. Nelson. (See Economics 93.)

95. Soil Mycology.—Winter. W. 10:30 and laboratory period W. F., 2:30-4:30. Three hours credit. Martin.

A morphologic physiologic and identification study of molds and actinomycetes. Special emphasis on soil forms and their relationship to organic matter decomposition.

96. Seminar.—One hour credit each quarter Martin and Nelson.

Current agronomic literature, agricultural problems. Assigned topics will be considered in the form of a round table discussion. Required of all seniors and graduate students majoring in agronomy.

97. Research.—Seniors specializing in agronomy may elect research work from three to six hours. Time and credit to be arranged. Martin.

98. Advanced Laboratory in Soil.—Credit, time, and subject matter to be arranged. Martin.

Chemical, bacteriological and other special laboratory work.

99. Agricultural Literature.—A study of agronomic literature. Special problems and written reports. Time and credit to be arranged. Martin.

Graduate Courses

170. Range and Forest Soils.—Four or five hours credit. Stewart.

191. Western Land Problems.—Three hours credit. Spring. Nelson.

192. Soil Bacteriology.—Autumn. M. W. F., 8:30. Three hours credit Martin.

193. Soil Bacteriology.—Autumn. W. F., 2:30-5:30. Two hours credit. Martin.

195. Soil Mycology.—Three hours credit. Martin

196. Seminar.—Credit to be arranged.

197. Research.—Time and credit to be arranged.

198. Advanced Laboratory in Soil.—Time and credit to be arranged.

199. Agricultural Literature.—Time and credit to be arranged.

200. Thesis.—Credit to be arranged.

ANIMAL HUSBANDRY

Assistant Professor Ivins; Dr. Cullimore.

Lower Division Courses

1. Elementary Stock Judging.—Autumn. 1:30-4:30. M. W. F. Three periods of three hours a week. Three hours credit. Ivins.

This course consists of a study of the market types and classes of live stock. Field trips will be made to farms of the county where practice in scoring and judging of animals will be done.

2. History of Breeds.—Autumn. Daily 9:30. Five hours credit. Ivins.

All the breeds of live stock will be studied. Special emphasis will be directed to the condition under which the breeds were formed, the men who did the work, and the adaptability of the breed to western conditions.

4. Beef Cattle Husbandry.—Winter. T. Th., 9:30 Two hours credit. Ivins.

This course is a consideration of the types and breeds, feeds, care and management of beef cattle for western conditions. The student will be made familiar with beef animals by frequent field trips.

5. **Sheep Husbandry.**—Spring. T. Th., 10:30. Two hours credit. Ivins.

Types and breeds of sheep will be reviewed, followed by study of the management, care and feeding of sheep, both on the range and on the farm.

6. **Swine Husbandry.**—Winter. T. Th., 10:30. Two hours credit. Ivins.

Types, breeds and management of swine and their place on western farms. Emphasis will be put on their relation to dairy farming.

7. **Feeding of Farm Animals.**—Spring. M. W. F., 10:30. Three hours credit. Ivins.

A study of the chemical composition of feeds, the needs of the animal body, the compounding of rations and methods of practice in feeding.

8. **General Poultry.**—Winter. M. W. F., 9:30. Three hours credit. Ivins.

A study of breeds, judging, breeding, incubation, brooding, housing, feeding and marketing.

9. **Diseases of Farm Animals.**—Winter. M. W. F., 1:30. Three hours credit. Ivins. (Not given this year.)

A study of the anatomy of farm animals, of the common diseases of horses, hogs, and poultry; their causes, prevention, and treatment.

21. **Elements of Dairying.**—Autumn. M. W. F., 8:30. Three hours credit. Ivins.

A general survey of dairying and its relation to Utah agriculture; the secretion, composition and properties of milk; the conditions that affect quantity and quality of milk; the Babcock test, the farm separator the lactometer, methods of creaming, care of milk on the farm, use of milk and its products as human food.

Upper Division Courses

51. Animal Breeding.—Spring. M. W. F., 1:30 Three hours credit. Ivins.

The aim of this course is to study the specific principles, practices, and methods involved in the breeding and development of domesticated animals. Such topics as Mendelism in animals, transmission, heredity, value of pedigree, systems of breeding, records, etc., are considered. Prerequisite, Zoology 78, or Botany 80.

59. Types and Breeds of Poultry.—Spring. T. Th. 9:30. Two hours credit. Ivins.

A study of the popular breeds of domestic fowls, their origin, methods of classification, standard requirements, methods of mating and breeding. Designed especially for students planning to engage in Smith-Hughes and club work.

61. Special Poultry Problems.—Autumn. T. Th., 9:30. Two hours credit. Prerequisite Animal Husbandry 8.

Detailed study of problems of housing, brooding, feeding and culling. Study of latest developments in these fields, using current literature as basis of work.

65. Animal Physiology.—Spring. M. W. F. Laboratory T., 1:30-4:30. Five hours credit. Cullimore. (See Zoology 65.)

81. Milk and Milk Products.—Winter. M. W. F., 10:30. Three hours credit. Ivins.

A course dealing with the properties, composition, and constituents of milk, the manufacture and marketing of milk products. Prerequisite Animal Husbandry 21 and one year bacteriology.

91. Dairy Survey.—Winter. Time to be arranged. One hour a week. One hour credit. Ivins.

A study of current literature and experiments in dairy work. Each student will be expected to make reports on various subjects in this field which will be discussed by the class.

92. Seminar.—Spring. Time to be arranged. One period a week. Ivins.

Current literature and problems in the field of Animal Husbandry will be studied and discussed. Required of all seniors who major in Animal Husbandry.

98. Experimental Animal Nutrition.—Open to senior and graduates only. Prerequisite 5 hours in organic or bio-chemistry, and animal husbandry 7. This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged.

Graduate Course

110. Research in Nutrition.—Time and credit to be arranged. Ivins.

Open to graduates only, major or minor. Designed for students in Animal Husbandry and Home Economics who desire to get acquainted with the problems of nutrition.

ART

Professors Eastmond, Larsen; Assistant Professor Jensen; Mrs. Gourley

Students majoring in art are required to take courses 1, 2, 3, 7, 8, 9, 21, 11, 12, 13, 38, 39, 40.

Lower Division Courses

1. Art Appreciation.—Autumn. M. W., 1:30. Two hours credit. Eastmond.

Foundational principals of art introduced as a means of the appreciation of natural scenery. Prehistoric structure, sculpture, drawing and decoration. Illustrated lectures.

2. Art Appreciation.—Winter. M. W., 1:30. Two hours credit. Eastmond.

Interpretation and classification of the world's greatest masterpieces of historic and modern architecture, sculpture and decoration. Illustrated lectures.

3. Art Appreciation.—Spring. M. W., 1:30. Two hours credit. Eastmond.

Interpretation and classification of the world's greatest masterpieces of historic and modern painting. Illustrated lectures.

7. Graphic Representation.—Autumn. M. W. F., 2:30. Two hours credit. Larsen.

Object drawing in various media. Emphasis upon tone study in charcoal and upon mass media. Linear and circular perspective.

8. Graphic Representation.—Winter. M. W. F., 2:30. Two hours credit. Larsen.

Continuation of Art 7. Emphasis upon drawing from still life, the cast, and the costume model. Objective composition.

9. Graphic Representation.—Spring. M. W. F., 2:30. Two hours credit. Larsen.

Continuation of Art 8. Study of perspective. Outdoor sketching in pencil and crayon media.

11. Water Color Painting.—Autumn. T. Th., 3:30 to 5:30. Two hours credit. Eastmond.

Pictorial composition and color study. Theory of color emphasized.

12. Water Color Painting.—Winter. T. Th. 3:30 to 5:30. Two hours credit. Eastmond.

Continuation of Art 11. Pictorial composition emphasized. Decorative landscape painting. Theory of color continued.

13. Water Color Painting.—Spring. T. Th., 3:30 to 5:30. Two hours credit. Eastmond.

Continuation of Art 12. Development of individual expression. Study of temperament in painting. Composition and outdoor sketching emphasized.

14, 15, 16. Commercial Art.—Autumn, Winter, Spring. T. Th., 1:30. One to two hours credit each quarter. Jensen.

Show card writing, poster design; advertising arrangement.

17, 18, 19. Process Illustration.—Autumn, Winter, Spring. T. Th., 10:30. Two to four hours credit each quarter. Eastmond.

Method of drawing and painting for illustration. Drawing for the various process methods of modern engraving. Correlative illustration. (Art 7 is prerequisite to 18.)

21. Theory and Practice of Design.—Autumn, Sec. 1 M. W. F., 1:30. Sec. 2 T. Th., 1:30: Sections

are arranged to correlate with the lines of work taken up in Art 25, 28, 29, etc., 32 p. 35, 47, etc. Two hours credit. Eastmond and Larsen.

Rhythm, balance, harmony, and other foundational principles. Color study. The principles of design and color theory that are fundamental to pictorial composition, process illustration, commercial art, applied arts, stage craft, scenery painting, textile arts, interior decoration, costume design, mechanic arts design, normal art, etc.

25. Domestic Art Design.—Winter, T. Th., 1:30. Studio hour to be arranged. Two hours credit. Eastmond.

A study of line, proportion, and color as applied to china painting, needle crafting, leather crafting, decorative block printing, etc. Theory of color adapted to creative design. Prerequisite, Art 21.

26. Domestic Art Design.—Spring. T. Th., 1:30. Studio hour to be arranged. Two hours credit. Eastmond.

Continuation of Art 25. Original design for decorative work to be applied in various ways.

28. Home Planning and Applied Art.—Winter M. W. F., 1:30. Two hours credit. Larsen.

House planning. Historic development of the house. Location and environment. Study of line, form, and color.

29. Home Planning and Applied Art.—Spring. M. W. F., 1:30. Two hours credit. Larsen.

Interior decoration and home furnishing. Study of wall finishes and decoration. Floors, floor finishes and coverings. Natural and artificial lighting. Draperies, upholstering. Furniture, pictures and bric-a-brac.

Study of color, texture, scales, structural unity and the proper use of ornament. Art crafts work introduced.

32p. Ceramic Art (China Painting, etc.)—Winter. Time to be arranged. One or two hours credit. Special fee for private instruction. Prerequisite, Art 21. Mrs. Gourley.

Application of the various methods of original design in the decoration of appropriate wares.

33p. Ceramic Art.—Spring. Time to be arranged. One, or two hours credit. Special fee for private instruction. Prerequisite, Art 25. Mrs. Gourley.

Continuation of Art 32. Emphasis on original designing.

35-36. Mechanic Arts Design.—Winter, Spring. M. W. F., 1:30. Two hours credit.

Application of design principles applied to the work of mechanic arts. Art 21 required.

38. Outdoor Sketching With Oil Colors.—Autumn. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Landscape study. Brush drawing of trees and other landscape elements. Representation of foreground, middle distance, and distance. Landscape composition.

39. Still Life and Figure Painting With Oil Colors.—Winter. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Painting of flowers, fruits, pottery, and other still life objects. Pictorial composition emphasized.

Continuation of Course 38.

40 Outdoor Sketching With Oil Colors.—Spring, M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Continuation of 38 and 39.

41, 42, 43. Art For Elementary School Teachers. —Autumn, Winter, Spring, M. W. F., 3:30. One to three hours credit each quarter. Jensen.

Simple drawing and painting with various media. Paper cutting and construction, clay, crayons, water color, etc. Study of materials suitable for elementary applied design. Subject matter and standards of achievement for each grade. Objectives and methods emphasized.

47. Scenery Painting.— Winter. T. Th., 3:30. Two hours credit. Eastmond.

The principles of pictorial and decorative composition applied to the theatrical stage. Applied color theory. Stage property designing and painting. Practical scenery painting. Prerequisite Art 21.

Upper Division Courses

51-52. Advanced Illustration and Art Etching.— Autumn and Winter. T. Th. 10:30. One to four hours credit each quarter. Prerequisite Art 7, 8, 9. Eastmond.

Pictorial composition especially adapted to the various phases of line, tone and color engraving. Methods and practice of art etching.

54. Methods of Teaching Art.—Autumn and Winter. M., 3:30. Two hours credit. Eastmond. (See Secondary Education 62.)

61, 62, 63. Commercial Art.—Autumn, Winter, Spring. T. Th., 1:30. Two to four hours credit each quarter. Jensen.

Poster designing and lettering. Systems of lettering. Sign writing in various media. Historic alphabets. Prerequisites Art 14, 15, 16, 21.

64. Water Color Painting.—Autumn. T. Th., 3:30 to 5:30. Two to four hours credit. Eastmond.

Objective landscape and still-life painting. Emphasis upn composition in line, mass and color. Outdoor sketching.

65. Water Color Painting.—Winter. T. Th., 3:30 to 5:30. Two to four hours credit. Eastmond.

Subjective and decorative landscape painting, emphasized; nature motif work. Color theory applied.

66. Water Color Painting.—Spring. T. Th., 3:30 to 5:30. Two to five hours credit. Eastmond.

Continuation of Art 65. Outdoor sketching. Individual expresssion emphasized.

67. Oil Painting.—Autumn. M. W. F., 3:30 to 5:30. Two to four hours credit. Emphasis upon landscape painting. Larsen.

68. Oil Painting.—Winter. M. W. F., 3:30 to 5:30. Two to five hours credit. Larsen.

Painting from still-life and the costumed model.

69. Oil Painting.—Spring. M. W. F., 3:30 to 5:30. Two hours credit. Larsen.

Outdoor sketching and landscape composition.

71, 72, 73. Decorative Painting and Applied Art.—Autumn, Winter, Spring. M. W. F., 2:30. Two to four hours credit each quarter. Eastmond.

Applied painting in oil and other media. Decorative composition correlated with interior decoration. Mural painting. Advanced scenery painting and poster designing. Creative designing applied to various art crafts.

74, 75, 76. Art Pageant Production.—Autumn. Winter, Spring. T. Th. 4:30. Two hours credit each quarter. Eastmond. Prerequisite, Art 21.

Pageantry as art expression. Principles of pageant composition. Symbolic representation. Study of tableau composition. Pageant costume and property designing. Color theory applied to lighting. Outdoor production.

80. Home Planning and Applied Art.—Winter. M. W. F., 1:30. Two hours credit. Larsen. (See Household Administration 50.)

81. Home Planning and Applied Art.—Spring. M. W. F., 1:30. Two hours credit. Larsen. (See Household Administration 51.)

Graduate Courses

151, 152, 153. Advanced Process Illustration and Art Etching.—Autumn, Winter, Spring. T. Th., 10:30. One to four hours credit. Eastmond.

167, 168, 169. Pictorial Composition—Oil Painting.—Autumn, Winter, Spring. M. W. F., 3:30 to 5:30. Credit to be arranged. Larsen.

200. Research in Art Education.—Autumn, Winter, Spring. W., 3:30. Credit to be arranged.

BOTANY

Professors Martin, Stewart; Mr. Harrison.

Lower Division Courses

12. General Botany.—Autumn. M. W. F., 8:30, or Winter, M. W. F., 10:30; laboratory, Th. or F., 1:30 to 4:30. Four hours credit. Harrison.

This course considers the fundamentals of plant structure, plant physiology, and reproduction together with an outline of plant groups and their relationships. Following the study of seed plants the course will con-

sider representative members of the fungi, algae, liverworts, mosses, and ferns, their evolution, and their relationship to each other and to seed plants.

15. **Field Biology.**—Spring. T. Th., Sec. 1, 7:30. Sec. 2, 3:30. Two-hour period. Two hours credit.

A course in general nature study, especially intended for teachers of primary and secondary grades.

21. **General Bacteriology.**—Autumn or Winter. M. W. F., 10:30. Three hours credit. Martin.

The course will consist of a study of the general characteristics and activities of microorganisms and their relation to man.

22. **General Bacteriology.**—Autumn or Winter. Two hours credit. T. Th., 1:30-5:30. Martin.

Laboratory course in general bacteriology, designed to accompany Botany 21.

Upper Division Courses

50. **Algae and Fungi.**—Autumn. Two lectures and one three-hour laboratory period a week. Three hours credit. T. Th., 9:30.

A study of the morphology, life histories, classification and relation of the main groups of algae and fungi. Prerequisite, Botany 12.

51. **Liverworts, Mosses and Ferns.**—Winter. T. Th., 9:30. Two lectures and one three-hour laboratory period a week. Three hours credit.

A study of the morphology, life histories and relationships of the liverworts, mosses and ferns. Prerequisite, Botany 12.

52. **Seed Plants.**—Spring. T. Th., 9:30. Two lectures and one three-hour laboratory period a week. Three hours credit.

A study of the morphology, life histories, classification and relationship of the higher plants. Prerequisite, Botany 12.

55. Spring Flora.—Spring. Wednesday, 2:30. Laboratory M. F., 2:30 to 5:30. Three or five hours credit.

This course will consider a brief survey of the plant kingdom as illustrated by local forms. Students will learn to handle the botanical key and become independent in classifying plants. Prerequisite, Botany 12.

57. Plant Ecology.—Autumn. M. W., 9:30, also one field trip or laboratory period a week. Three hours credit.

This course will include a study of plants as they grow in nature. Their adaptions in relation to soil and climate will be a special consideration. Prerequisite, Botany 12.

58. Geographic Ecology.—Winter. M. W. F., 8:30. Three hours credit.

A course devoted to a survey of the various floristic regions of the earth, with emphasis on North American problems. The course should be of special interest to students who expect to travel. Botany 57 desirable.

59. Range and Forest Ecology.—Autumn, Spring or Summer. One to four hours credit. Stewart and Martin.

Distribution of desert, mountain, and forest plants as influenced by the climatic and soil environment, a special study will be made of the ecology in the intermountain region with an opportunity to concentrate on the native vegetation of the Lake Bonneville basin if desired. Advanced students may be admitted by application for thesis problem in field during spring, summer, or autumn.

60. **Plant Physiology.**—Winter. T. Th., 8:30, laboratory, M. W., 1:30 to 4:30. Four hours credit.

A lecture and laboratory course in physiology of plants, covering such topics as absorption, transpiration, synthesis of carbohydrates and proteins, digestion, translocation, respiration, growth and reaction of plants to stimuli. Prerequisites, Botany 12 and Chemistry 1 and 2 or their equivalents.

61. **Plant Histology.**—Spring. Time to be arranged. Three hours credit.

This is primarily a laboratory course in the technique of preparing, staining and mounting of sections for microscopical examination. Prerequisite, Botany 12.

70. **Diseases of Cultured Plants.**—Autumn. M. W. F., 10:30; laboratory M., 1:30 to 4:30. Four hours credit.

This course deals with the important diseases of local plants, their identification, cause and treatment. Prerequisite, Botany 12. Botany 50 recommended.

75. **Seminar.**—Autumn, Winter. One hour credit for each course.

81. **Pathogenic Bacteriology.**—Spring. M. T. Th. 1:30. Laboratory T. Th., 2:30 to 5:30. Five hours credit. Martin.

This course is designed to give to students an advanced course in bacteriology. It is designed for those desiring general information about human diseases and particularly for students who are preparing for the professions of nursing, public health work dietetics and medicine. In class and laboratory work the following are among the subjects considered: methods used in cultivation of microorganisms; methods of handling disease materials for microbiological examination; organisms associated with the various diseases the nature of the damage done by the organisms; and

leans of control. Diseases caused by filterable iruses, protozoa, fungi will be studied together with ie subject of immunology.

85. Advanced Laboratory In Botany.—Credit, ne to five hours. Time to be arranged.

90. Advanced Systematic Botany.—One to five ours credit per quarter depending on the quality and uantity of work done. Time to be arranged.

A course designed for students who are prepared) do independent and intensive work on special plant roups.

92. Soil Bacteriology.—(See Agronomy 92.)

93. Soil Bacteriology.—(See Agronomy 93.)

95. Soil Mycology.—(See Agronomy 95.)

Graduate Courses

103. Field Ecology.
104. Physiographic Ecology.
150. Algae and Fungi.
151. Liverworts, Mosses, and Ferns.
152. Seed Plants.
158. Geographic Ecology.
159. Range and Forest Ecology.
160. Plant Physiology.
161. Histology.
170. Diseases of Cultivated Plants.
175. Seminar.
181. Pathogenic Bacteriology.
185. Advanced Laboratory in Botany.
190. Advanced Systematic Botany.
192. Soil Bacteriology.
193. Soil Bacteriology.
195. Soil Mycology.
200. Research.

CHEMISTRY

Professor Maw; Mr. Peterson, Mr. Polly, Mr. Johansen, Mr. Colvin, Mr. Wing.

Students majoring in Chemistry must present credit in Chemistry 4, 6, 10, 51 and 52 or 82 and 83, 71, 72, 73, 74, and are advised to commence work in German or French and in Mathematics as early as possible.

Lower Division Courses

1. Elementary General Chemistry. — Autumn, Winter or Spring. Daily, 10:30. Four hours credit. Four lectures and demonstration periods and one quiz section. Maw, Peterson, Johansen and Colvin.

This course is an introductory survey of chemistry. It is intended for students who desire a knowledge of the subject for its cultural and informational value. Illustrations of the chemical principles emphasized are taken from everyday life. Students majoring in chemistry, physical science or doing premedical work should register for Chemistry 4.

2. Elementary General Chemistry.—Autumn, Winter or Spring. Time to be arranged. One to three hours credit depending on the quality and amount of work done. A laboratory course to follow Chemistry 1. This course may accompany Chemistry 1 but it is advisable to take Chemistry 1 first.

4. General Inorganic Chemistry.—Autumn or Winter. M. W. F., 8:30. Five hours credit. Three lectures and demonstration periods, one quiz section, and two two-hour laboratory periods. Maw, Peterson, Johansen, Colvin.

A technical and intensive study of the principles of inorganic chemistry in connection with the non-metals. Intended for students majoring in natural sciences or taking pre-medical work. Prerequisite, Chemistry 1 or High School Chemistry.

5. General Inorganic Chemistry.—Winter. M. W. F., 8:30. Five hours credit. Three lectures and demonstration periods, one quiz section, and two two-hour laboratory periods.

Continuation of Chemistry 4 including a discussion of metals. Principles of chemistry are emphasized. Practical application of these principles are constantly pointed out, as exemplified in industrial and engineering processes.

6. Principles of Chemistry and Qualitative Analysis.—Winter or Spring, M. W. F., 8:30. Five hours credit. Two lectures and demonstration periods, one quiz and three two-hour laboratory periods.

Theory and practice of inorganic qualitative analysis. The qualitative processes are inductively developed in the laboratory. Stress is laid on the facts upon which the separations are based, and upon principles, rather than mechanical processes, involved in the separations.

7. Chemical Calculations.—Winter and Spring.. One to two hours credit each quarter. Time to be arranged.

This course is designed to give extra practice in solving problems dealing with gas laws, equations, ionization, and other relations.

9. Elementary Organic Chemistry.—Autumn, M. W. F., 9:30. Five hours credit. Three lectures, one recitation, and one quiz period and two two-hour laboratory periods. Maw and Polly.

A brief discussion of the carbon compounds and their practical applications. This course is intended for students in home economics or students desiring a general knowledge of organic chemistry from the cultural point of view. Prerequisites Chemistry 1 and 2, or Chemistry 4.

10. Elementary Quantitative Analysis.—Autumn

and Spring, T. Th., 8:30. Five hours credit. Two lectures and three three-hour laboratory periods.

This course gives training in elementary volumetric and gravimetric methods. A thorough training in proper laboratory technique is emphasized. Prerequisite Chemistry 6.

Upper Division Courses

51. Advanced Inorganic Chemistry.—Spring. T. Th., 1:30. Two hours credit.

Special topics in inorganic chemistry. Discussion of chemical theories and important generalization in the field of inorganic chemistry.

52. Advanced Inorganic Chemistry.—Winter. T. F., 2:30-5:30. Two or three hours credit.

Laboratory course to accompany Chemistry 51.

54. Advanced Qualitative Analysis.—Two or three hours credit according to the quality and quantity of work done.

57. Laboratory Technique.—Autumn, Winter,or Spring. Two hours credit. Time to be arranged.

This course aims to give training in glass manipulation and construction of apparatus.

61. Quantitative Analysis.—Autumn and Spring. T. Th., 8:30. Five hours credit each quarter. Two lectures and three three-hour laboratory periods.

Chemical theory and chemical principles are applied to problems of quantitative chemical analysis. Introductory gravimetric and volumetric analysis. Laboratory periods, 2:30-5:30. This course parallels Chemistry 10, but requires additional work.

62. Quantitative Analysis.—Autumn, Winter, or Spring. Lecture M. 2:30, and one to three three-hour laboratory periods. Two or four hours credit.

Continuation of Chemistry 10 or 61. Lectures and

student reports on special topics and chemical methods.

70. Organic Chemistry.—Autumn. M. W. F., 9:30. Three hours credit. Three lectures. Introduction to the study of carbon compounds. Maw and Polly.

71. Organic Chemistry.—Autumn. T. Th., 2:30-5:30. Two hours credit. Maw and Polly.

Laboratory course to accompany Chemistry 71, consisting of a study of the more important syntheses and the reactions of the different classes or organic compounds discussed in the classroom.

72. Organic Chemistry.—Winter. M. W. F., 9:30. Three hours credit. Maw and Polly.

Continuation of Chemistry 71, emphasizing the aromatic compounds.

73. Organic Chemistry.—Winter. T. Th., 2:30-5:30. Two hours credit. Maw and Polly.

Laboratory course to accompany Chemistry 72.

74. Organic Chemistry.—Spring. M. W. F., 9:30. Three hours credit. Maw and Polly.

Continuation of 73. This course emphasizes advanced topics in organic chemistry.

75. Organic Chemistry.—Spring. M. W., 2:30-5:30. Two hours credit. Maw and Polly.

Laboratory course to accompany Chemistry 74.

76. Bio-Chemistry.—Spring. M. W. F., 7:30. Three hours credit. Maw.

Discussion of the chemistry of nutrition, digestion absorption, assimilation and excretion in the animal body.

77. Bio-Chemistry.—Spring. T. Th., 1:30-4:30. Two hours credit.

Laboratory course to accompany Chemistry 76.

78. Bio-Chemistry.—Autumn. Time to be arranged. Three hours credit.

Continuation of Chemistry 76.

79. Bio-Chemistry.—Autumn. Time to be arranged. Two hours credit.

Laboratory course to accompany Chemistry 78.

82. Introductory Physical Chemistry.—Spring. M. W. F., 9:30. Three hours credit.

This is a survey course of Physical Chemistry in which the fundamental principles with their applications are emphasized. Properties of substances in the gaseous, liquid, and solid states; solutions, ionization and thermochemistry are discussed. Prerequisite, college physics, and mathematics and chemistry 10.

83. Introductory Physical Chemistry.—Spring. T. F., 2:30-5:30. Two hours credit.

Laboratory courses to accompany Chemistry 82. Two three-hour laboratory periods.

84. Introductory Physical Chemistry.—Two hours credit.

Continuation of Chemistry 82. Homogenous systems, heterogeneous equilibria, catalysis, kinetics of reaction, photochemistry, periodic law, electrochemistry and surface chemistry.

85. Physical Chemistry.—Autumn. Time to be arranged. Two hours credit.

Laboratory course to accompany Chemistry 84.

86. Chemistry of the Colloidal State.—Spring. Time to be arranged. Three hours credit. One lecture and two laboratory periods.

Fundamental properties of substance in the colloid state. Assigned readings and reports.

90, 91, 92. Seminar.—Autumn, Winter or Spring. M., 4:30. One hour credit. Open to advanced undergraduates.

Graduate Courses

101. Colloidal Chemistry.—Spring. Time to be arranged. Three hours credit. One lecture and two three-hour laboratory periods.

Fundamental properties of substance in the colloid state. Assigned readings and written and oral reports.

103. Advanced Organic Chemistry.—Any quarter. Time to be arranged. Three hours credit. Three three-hour laboratory periods.

Organic Preparations.

104. Qualitative Organic Analysis.—Winter and Spring. Time to be arranged. Two hours credit. Two laboratory periods.

Problems and assigned readings. Practice in identifying organic compounds, by analysis, physical properties and the preparation of derivatives.

105. Quantitative Organic Analysis.—Spring. Time to be arranged. Two hours credit.

Quantitative analysis of organic compounds. Combustion methods for carbon, hydrogen and nitrogen.

106. Studies in the History of Chemistry.—Autumn, Winter, and Spring. One hour credit each quarter.

109. Advanced Inorganic Chemistry.—Autumn, Winter , and Spring. Hours and credit to be arranged.

Special topics in inorganic chemistry, written and oral reports.

110. Advanced Inorganic Chemistry.—Hours and credit to be arranged.

Inorganic preparations.

157. Qualitative Analysis of the Rare Elements.—Time to be arranged. Two hours credit.

163. Advanced Quantitative Analysis.—Autumn,

Winter, or Spring. Time to be arranged. Two to ten hours credit according to the amount of work done.

Complete analysis of typical minerals will be carried out. Written reports.

166. Special Methods in Quantitative Analysis.—

a—Water Analysis.—Two hours credit.
b—Food Analysis—Two hours credit.
c—Electrolytic Analysis—Two hours credit.
d—Fire Assaying—Two hours credit.

These courses may be taken any quarter, the time to be arranged. Prerequisites Chemistry 6 and 62.

176. Bio-chemistry.—Spring. M. W. F., 7:30. Three hours credit.

Discussion of the chemistry of nutrition, digestion, absorption, assimilation, and excretion in the animal body.

177. Bio-chemistry.—Spring. T. Th., 1:30-4:30. Laboratory course to accompany Chemistry 176.

178. Bio-chemistry.—Autumn.
Continuation of Chemistry 176.

179. Bio-chemistry.—Autumn. T. Th., 1:30-4:30. Laboratory course to accompany Chemistry 178.

182. Physical Chemistry.—Spring. M. W. F., 9:30. Three hours credit. Peterson.

183. Physical Chemistry.—Spring. T. F., 2:30-5:30. Two hours credit.
Laboratory course to accompany 182.

184. Physical Chemistry.—Time to be arranged. Two hours credit.

185. Physical Chemistry.—Time to be arranged. Two hours credit.
Laboratory course to accompany Chemistry 184.

190-191-192. Seminar. — Autumn, Winter, or Spring. M., 4:30. One hour credit.

200. Research.—Time and credit to be arranged. Independent work in investigations of problems in physical, inorganic, and analytical chemistry.

ECONOMICS

Professors Swenson, Miller, Nelson; Associate Professor Boyle; Mr. Allen

The following courses are required for a major in Economics: Economics 1, 2, 14, 93, 94.

Lower Division Courses

1. Economics—Introduction and Principles.—Autumn, Winter, Spring. Daily. Sec. 1, 8:30; Sec. 2, 10:30; Sec. 3, 1:30. Five hours credit each quarter. Miller and Allen.

A general survey of industrial society: its structure, its institutions, its operation. Historical background of the rise of modern capitalistic industry. A study of underlying assumptions of our present regime, such as private property, competition, and the social control of industrial activity. An elementary study of the production, exchange, distribution, and consumption of wealth.

2. Economics.—Winter, Spring. Daily. Sec. 1, 8:30; Sec. 2, 10:30; Sec. 3, 1:30. Five hours credit each quarter. Miller and Allen.

This course is a more advanced study of the underlying principles of economics. An attempt is made to give the student an approach to the economic issues of the day by an intensive study of several of the most pressing contemporary problems and an intelligent appreciation of the factors which make for sound public policy. Prerequisite, course 1.

14. Economic and Financial History of the United States.—Autumn. M. W. F., 2:30. Three hours credit. Miller.

The economic development of the United States through the colonial era, the period of industrial revolution, and the westward movement to the present, with special emphasis upon economic integration and industrial organization.

30. Principles of Agricultural Economics.—Autumn. M. W. F., 9:30. Three hours credit. Nelson.

An analysis from the standpoint of economics of the industry of agriculture. The place and importance of land in human welfare; the problems of what to produce, the choice of land, proportioning the factors of production, rent and profits, and tenancy, will be among those treated in the course.

31. Cooperative Marketing.—Winter. M. W. F., 9:30. Three hours credit. Nelson. (Not given this year.)

An analysis of the problems of cooperative marketing of agricultural products, from the standpoints respectively of farmers, middlemen, and consumers. Attention will be given to the factors which have made for success or failure in the history of cooperative marketing enterprises in America.

Upper Division Courses

53. Principles of Risk-Bearing.—Autumn. M. W. F., 10:30. Three hours credit. Boyle.

A course in which consideration will be given to life, health, accident, fire, property and liability insurance; principles of risk-bearing as they apply to each classification of the insurance field; organization and management of insurance companies. Prerequisite, Economics 1 and 2.

56. Transportation Problems.—Spring. M. T. W.

'h., 9:30. Four hours credit. Miller. (Not given this ear.)

This course deals with the growth and development f railway transportation in the United States; the rganization, construction and management of modern ystems; the theory of rates; problems of competition; evelopment of public regulation and railway legis- ıtion in the United States; general scope and import- nce of the railway problem at the present time.

60. Labor Legislation.—Spring. M. W. F., 9:30. 'hree hours credit.

The state in relation to labor. An intensive study f the legal aspects of the labor movement. Minimum 'ages, social insurance, regulation of hours, working onditions, etc. Foreign experiments in the field of overnment regulation and control.

61. Labor Problems.—Autumn. M. W. F., 8:30. hree hours credit. Boyle.

This course deals with the wage system, domestic ıdustry, the factory system. The rise and growth of ıbor organizations. Special problems in labor and in- ustrial unions, with a study of typical organizations. ollective bargaining, boycott, lockout, women and child ıbor, the effects of immigration upon the American ıborer, the mediation and arbitration of industrial dis- utes.

62, 63. Personnel Administration. (See Ac- ounting and Business Administration 62 and 63.)

67. Public Finance and Taxation.—Winter. M. V. F., 2:30. Three hours credit. Miller.

The science of public finance; the theory of public xpenditure; public income and public debts; the pre- aration of the budget and financial administration. . general study of the field of taxation.

75. International Economic Policies.—Spring. M. V. F., 1:30. Three hours credit. Miller.

A survey with particular reference to the United States, of the international aspects of the economic policies and activities of governments: including the fundamentals of the theory of international trade; purpose, structure, and history of tariffs; commercial treaties; methods of commercial diplomacy; and unfair competition in international trade. A brief discussion of reparations and interallied debts will be given.

76. History of Economic Thought.—Spring. Daily, 2:30. Five hours credit. Miller.

The development and trend of economic thought from early times to the establishment of the classical school. A brief survey of economic thought up to about 1750 will be given. A more intensive study of writers will begin here, covering especially Smith, Malthus, Ricardo and Mill.

91. Western Land Problems.—Spring. M. W. Th., 10:30. Three hours credit. Nelson.

A survey of the outstanding land problems of the Western States, particularly those of the Rocky Mountain division. Attention will be given to the questions of land utilization, reclamation, grazing, the public domain. Special class reports by students will be required.

92. American Agricultural Reform.—Winter. M. W. F., 9:30. Three hours credit. Nelson.

A review of the agrarian movements for economic and social reform in America, including the Patrons of Husbandry, the Farmers' Alliance, the Farmers' Union, the Non-Partisan League, and the American Farm Bureau Federation. Subordinate treatment is given to recent and current programs for farm relief.

93. Economic History of Agriculture.—Spring. M. W. F., 9:30. Three hours credit. Nelson. (Not given this year.)

The development of agriculture from its primitive beginnings in the Old World to the present time. The

forms of agricultural settlement; the relation of agricultural to urban economy; agricultural revolutions, and measures of reform. Crops and livestock in America; historical background of contemporary agricultural problems.

94-95. Advanced Economics.—Autumn, Winter. M. W. F., 8:30. Three hours credit each quarter. Swenson. Prerequisite, Economics 11, 12, 13.

Advanced course in economic theory with application to present day economic problems. Open to seniors and graduates.

Graduate Courses

101. Advanced Economics.—Autumn. M. W. F., 8:30. Three hours credit. Prerequisite, Economics 11, 12, 13. Swenson.

Advanced course in economic theory with application to present day economic problems. Open to seniors and graduates.

102. Advanced Economics.—Winter. M. W. F., 8:30. Three hours credit. Swenson.

Continuation of 101.

160. Labor Legislation.—Spring. 9:30. Three hours credit. Miller.

161. Labor Problems.—Winter. M. W. F., 9:30. Three hours credit. Boyle.

175. International Economic Problems and Policy.—Spring. Three hours credit. Miller.

176. History of Economic Thought.—Spring. Daily, 2:30. Five hours credit. Miller.

191. Western Land Problems.—Spring. M. W. F., 10:30. Three hours credit. Nelson.

197. Research.—Time and credit to be arranged. Staff.

200. Thesis.

EDUCATIONAL ADMINISTRATION

Associate Professor Lambert; Professor Merrill; Associate Professor Sudweeks; Assistant Professors Boyle and Jensen

Students who desire to complete an undergraduate major in Educational Administration need not wait until the senior year to plan definitely for such work. A decision to major in this department should be made preferably by the beginning of the junior year. It is better, naturally, to have had a regular teaching course and some experience in teaching before completing a major in administration. This statement is not to be construed, however, as a fixed prerequisite for a major in this department.

For students who do elect to major in this department a reasonable preparation in the following fields is expected by the close of the senior year: (1) General Education Organization and Administration; (2) School Finance, Business Management and Techniques of Budget Administration; (3) Personnel Problems of the Teaching Staff: (4) Statistical Methods, Tests, Measurements, and Modern Examinations (5) Techniques in Supervision, (6) The Work of the Superintendent and of the Principal. Some supporting work in Educational Psychology, Curriculum Building and Revision, History of Education, and General Theory or Philosophy of Education, (as these fields are offered in other departments of the University) is recommended. By consent of the head of this department, certain courses in other departments may be accepted toward fulfillment of a major in educational administration.

In general, the following guiding sequences in department requirements are recommended: (1) In freshman and sophomore years, the regular university group requirements, and the foundations in some academic teaching field; (2) In the junior year, Educational and Adolescent Psychology, Curricula, Statistical Methods, Tests and Measurements, and Educational Administration 73, 80; (3) In the senior year, Educational

Administration 75, 76, 111, 178, 182. Graduate majors are programmed by conference with the head of the department.

Undergraduates majoring in administration who have also kept up some academic teaching field, find themselves advantageously equipped for placements in positions where, during the beginning years of professional administrative service, assignments to teach accompany the administrative assignments.

Lower Division Courses

5. School Organization and Administration.—(Same as Elementary Education 5. The school law, etc.) Autumn, Winter, and Spring. M. W. F., 9:30. Three hours credit. Boyle.

Upper Division Courses

50. Rural Education.—Spring. Three hours credit. Merrill. (Not given this year.)

This course deals with rural and educational problems which confront the teachers in the rural communities of the intermountain states.

69. Measurements of High School Teaching.—(Same as Secondary Education 69) Spring. M. T. W. Th., 1:30. Four hours credit. Sudweeks.

73. General Educational Organization and Administration.—Autumn. M. T. W. Th., 1:30. Winter 9:30. Four hours credit. Lambert.

This course offers students an opportunity to study the various ways in which states, counties, cities, and districts are organized for the administration of public education. The powers and duties of state boards, city boards, and district boards are considered together with the functions of the superintendent and other school officials. The course deals largely with the problems encountered in the actual administration of a school

system. This course is the foundation of a major in educational administration. It is also the best general elective for those who desire a general insight into the administrative field.

75. Educational Supervision.—Spring. M. T. W. Th., 1:30. Four hours credit. Lambert.

This course deals with the principles underlying the organization and supervision of classroom instruction. It gives much consideration to objective techniques for supervision. It considers the relationships of teachers, supervisors and administrative officers. The course is planned to assist those who are preparing to do general supervision or to supervise in average systems in the special subjects. The course assumes some knowledge of general administrative practice, of the current theories of classroom procedure, and of educational psychology and testing. The course is open only to seniors and to graduate students.

76. The Work of the School Principal.—Spring. M. W. F., 10:30. Three hours credit. Lambert.

This is a course which deals with the practical problems of administering a single school; the organization and administration of buildings, playgrounds, equipment, schedules, student activities, and pupil personnel. It gives large consideration to the supervisory functions of the principal. School publicity and community relationships are considered. Open to both men and women who are preparing for principalships of elementary schools, junior, or senior high schools, and to other students who desire an elective course in the practical aspects of school administration. The course is conducted largely on a problem basis.

79. Statistical Methods.—Autumn. M. W. F., 2:30. Three hours credit. Sudweeks.

This course deals with the principles and methods underlying the compilation and interpretation of educational statistics. Students who have had Mathematics 13, should consult the instructor.

NOTE: Students will find that a definite knowledge of certain mathematics involved in college algebra and analytic geometry are very valuable bases for the work in this course.

80. Standard Tests and Testing.—Winter. M. W. F., 8:30. Three hours credit. Sudweeks.

Educational Administration 81 and this course are designed to cover the field of tests and examinations in elementary and high schools. A study of standard tests available for all grades. Each student will carry out a complete testing project in the University Training School from the choice of problem to the planning of remedial teaching.

81. Old and New Type Examinations.—Winter. T. Th., 8:30. Two hours credit. Sudweeks.

The place of the old type examination and its improvement. The use and forms of the new type examination. With Educational Administration 80, it covers the field of tests and examinations in elementary and high schools.

85. Administration of School Transportation.—Spring. T. Th., 10:30. Two hours credit. Lambert.

This course offers students an opportunity to study school transportation as a necessary part of the school program in consolidated districts, and as a special factors in a state equalization program. It deals with the techniques of determining the needed amounts of transportation and the methods of setting up the transportation system and of administering the details of particular busses and routes. It deals with costs, and methods of financing school transportation.

Graduate Courses

111. School Finance and Business Management.—Winter. M. T. W. Th., 1:30. Four hours credit. Lambert.

This course will include a study of various systems

of raising school revenue. It considers in detail the school revenue system of the State of Utah, including the new program of equalization. It deals with methods of expending school money and accounting for it. It deals with methods of making cost analyses, and estimating financial abilities of states and school districts. Methods of building a school budget and of administering it are considered. A course in general educational administration or its equivalent is a necessary prerequisite to this course. Required of all graduates majoring in the department. Undergraduate students may register by consent.

148. Introduction to Research and Thesis Writing.—Autumn, Winter. T. Th., 10:30. Two or three hours credit. Lambert. (See Secondary Education 148.)

This is a course dealing with the principles of scientific procedure and the acceptable techniques of research as they relate to the preparation of a thesis. It is designed to assist students in the selection and refinement of a thesis problem, in the use of sources of materials, in the application of appropriate techniques to the solution of the problem and in organizing and writing the results of investigation into an acceptable report. It considers also acceptable techniques in preparing a bibliography. Senior students may enter with consent of the instructor. All candidates for the Master degree in the College of Education are required to take this course.

150. Graduate Seminar in Education Problems.—Alternate Mondays 7:30 to 9:30 P. M. Any quarter, upon request of five or more students. One hour credit. Lambert.

173. General Educational Organization and Administration.—Autumn, 1:30. Winter, 9:30. M. T. W. Th., Four hours credit. Lambert.

This course parallels Educational Administration

73 and is given for graduate students who have not had a basic course in educational administration, and for those who desire to do intensive work in this field. This course is basic to all graduate work in this department.

175. Educational Supervision. — Spring, 1:30. Four hours credit. Lambert.

This course is for graduate students and parallels Educational Administration 75.

176. The Work of The School Principal.—Spring, 10:30. Three hours credit. Lambert.

This course parallels Educational Administration 76 and offers graduate students opportunity to do intensive work in the problems of administering the work of one unit of the school system.

178. Specific Administrative Problems of the Superintendent in Consolidated School Districts.—Autumn. M. W. F., 9:30. Three hours credit. Lambert.

This course is designed to follow or parallel Educational Administration 173 and is directed not so much toward problems of organizing administrative units, nor the functions of state and local school boards, superintendents and other officials, as it is directed toward the immediate problems of electing and assigning the teaching corps, of devising salary schedules, studying relationships between salaries and cost of living, administering an in-service training program, rating and re-assigning teachers, and handling the many detailed problems of teacher personnel.

179. Statistical Methods. — Autumn. 2:30. Three hours credit. Sudweeks.

A course designed for graduate students preparing to do statistical research work. Required of all candidates for the Master degree in Education unless equivalent work has been done in undergraduate courses.

NOTE: Students will find that a definite knowledge of certain mathematics involved in college algebra, and analytic geometry, are very valuable bases for the work in this course.

182. Educational Journals.—Spring. One hour credit. Lambert.

This is a seminar course providing opportunity for students to become acquainted with magazine and monograph material in Education.

185. Administration of School Transportation.—Spring. 10:30. Two hours credit. Lambert.

This course parallels Educational Administration 85 and offers graduate students an opportunity to do some specialized work in this field.

186. Administration of Private and Parochial Schools and Seminaries.—Spring. T. Th., 11:30. Two hours credit. Lambert.

This course offers students an opportunity to study the place of the private and the denominational school in America together with the problems of relationships between private schools and the state schools.

200. The Masters Thesis in Educational Administration.—Autumn. Winter. Spring. Lambert, Sudweeks.

Credit of two to four hours, depending upon the magnitude and difficulty of the problem solved, is granted in the last quarter upon the completion of a satisfactory thesis. The conditions of this thesis are set forth in the regulations of the Graduate School, and candidates are urged to read that portion of this catalogue with great care.

ELEMENTARY EDUCATION

Assistant Professor Boyle; Associate Professors Sudweeks, Lambert; Assistant Professors Dusenberry, Ollerton, Peterson, Brown, Jensen, Hanson; Doctors Cullimore, Oaks, Merrill; and Faculty of Elementary Training School

Students majoring in Elementary Education should conform to the following sequence of courses:

Freshman year: Elementary Education 1, Psychology 21, Zoology 20, History 1, Speech 1 or 11, English 1, 2, 3, Library 1, Physiscal Education 21, 22, 23.

Sophomore year: Elementary Education 12, Geography 52, History 82, Theory of Music 41 or 42, Art 21 or 41, 42.

Junior year: Elementary Education 51, 52, 53, 54, 55, 61 or 62.

Senior year: Elementary Education 63, Educational Administration 75 and 79.

The following courses in other departments are suggested for those who are preparing for Elementary Teaching: Art 41, 42, 43; Theory of Music 41; Physical Education 21, 22, 23; Secondary Education 51, 57. With the approval of the major professor courses from other departments of the College of Education may be offered to fill major requirements for a degree.

Lower Division Courses

1. Principles of Education.—Autumn, Winter or Spring. M. T. W. Th. Four hours credit. Sudweeks.

This is an introductory survey course in education, planned to cover the general field It serves to orient the student and to introduce him to the other courses in education. Required of all students qualifying for elementary teaching; recommended for all majoring in Elementary Education. The principal topics covered are: the Child, the Teacher, Objectives in Training, the Teaching Process, Measurement, and the American Public School.

12. The Elementary School Curriculum.—Autumn, Winter. Daily. Five hours credit. Boyle, Brown.

This course meets the requirements of the Utah State Board of Education for knowledge in this field. It includes a study of representative courses of study, a study of sources of materials, guidance in the selection and organization of materials into suitable teaching units with attention to sequences, time allotment, and programming. The course attempts also to meet the general demand for a greater mastery of subject matter, but time is not taken in the course to make extensive reviews of the common branches. Evidence of reasonable mastery of elementary school subjects as furnished by results of a comprehensive series of informal and standard tests given preliminary to and parallel with this course is a prerequisite to credit.

20. Story Telling and Children's Literature.—Autumn, Winter or Spring. T. Th., 8:30. Two hours credit. Dusenberry.

A study from the literary and educational points of view of the best literature available for children. This should involve some familiarity with the basic folk tales from which the standard children's stories, rhymes and poems have been largely derived, and practical exercises in the oral presentation of this material.

21. Juvenile Literature.—Winter or Spring. T. Th., 9:30. Two hours credit. Dusenberry.

A study of literature will be made in a sufficiently detailed way to give a basis for selection, appreciation, and presentation of the best and most suitable material for the elementary school. Graded lists of various types of stories and poems will be completed. This course is a continuation of 20.

22. Hygiene and Sanitation.—(Health Education)—Autumn ,Winter, or Spring. M. W. F., 1:30. Three hours credit. Cullimore, Oaks, Merrill.

Same as Zoology 20. Designed to meet state requirements in health education. The early part of the course is devoted to fundamental physiological process-

es such as digestion, circulation, respiration and excretion and upon these as a foundation are based studies of personal hygiene, hygiene of the school child, sanitation of school buildings and surroundings, public and home sanitation, and recognition of defects in children.

Upper Division Courses

50. Kindergarten and First Grade Education.—Winter. M. W. F. 9:30, Three hours credit. Brown.

A course planned for students beginning the study of the method of teaching kindergarten and first grade pupils. This course should be taken by all students who plan to begin practice teaching in these grades.

51, 52. Methods.—Autumn and Winter. M. T. W. Th., 10:30. Three hours credit, each quarter. Sec. 1, Brown; Sec. 2, Peterson; Sec. 3, Peterson.

Sec. 1. Methods of teaching in the Primary grades. The course deals with the fundamental methods used in lower primary teaching. The course parallels Elementary Training. A careful study of the method of teaching reading, language, and spelling in the first two grades will be made. During the winter quarter methods of teaching handwriting, arithmetic, geography, and history will be considered. This will be supplemented by demonstrations in the Training School.

Sec. 2. Methods of teaching in the Intermediate grades. This course also parallels Elementary Training for those who expect to teach in the intermediate grades. Careful consideration will be given to the special methods involved in the teaching of spelling, handwriting, reading, and English; and during the winter quarter methods of teaching history, arithmetic, community civics, elementary science, and geography will receive consideration.

Sec. 3. Methods of teaching the upper grades.

This course, also, must precede or parallel Elementary Training. Emphasis will be placed on the types of classroom exercises suited to children of these grades. Special methods in reading, spelling, language, etc. will be studied during the first part of the course; and during the winter quarter a study of the special methods of teaching arithmetic and social science will be made.

54. **Elementary and Kindergarten Training.**—Autumn, Winter and Spring. Daily from 1:30 to 3:30. Ten hours credit. Brown, Peterson.

This is essentially a laboratory course affording opportunity for practice teachers to apply the principles of teaching developed in the theoretical course.

Students will teach not fewer than one hundred hours. This course is open to sophomore and junior students. Elementary Education 1, Psychology 21, Elementary Education 12 or equivalents are prerequisites for this course. Should the enrollment exceed the capacity of the Training School a selection may be made on the basis of tests and the record in the prerequisite courses.

55. **School Organization and Administration.**—Autumn or Winter. 9:30. M. W. F. Three hours credit. Boyle.

This course will acquaint beginning teachers with the school as an institution in its relation to the state and the community. It will introduce in an elementary but practical way the problems of school organization. It will include the study of the school law as it applies to the elementary school, the means and the agencies by which the law is administered, and the educational control by means of local units. This course meets the State Certificate requirements of school organization and administration.

58. **Health Education for Teachers.**—Autumn,

Winter, Spring. T. Th. 1:30. Two hours credit. Cullimore, Oaks, Merrill.

Designed especially for those who are preparing to teach in the public schools. (See Zoology 58).

60. Technique of Teaching.—Autumn. M. W. F., 2:30. Three hours credit. Brown.

This course deals with certain of the recent developments in the field of methods and the psychological experiments which have led to the revision of class-room procedure. Emphasis will be given to the new methods which have grown out of the use of standard tests, development of problems teaching, and the guidance methods in teaching made necessary by the definite knowledge of individual differences. Topics, discussed will be illustrated by work in the training school. Designed for students who are qualifying for supervision work in any field.

61. First Grade Education.—Spring. M. W. Th., 9:30. Three hours credit. Brown.

Problems of early elementary education. A study of the activities, subject matter and concrete materials which should form the basis of the work with young children. Classroom observation required. Designed for students in Elementary Education who show special ability in teaching the kindergarten and first grade, and for experienced teachers preparing for supervisory work.

62. Measurements of Elementary Education.—Autumn and Spring. M. W. F., 8:30. Three hours credit. (Not given this year.)

A practical course in selecting and using standard tests in elementary school subjects. Practice will be afforded in giving and scoring tests in the grades of the Training School and interpreting results.

63. School Management and Extra Curricular Activities.—Spring. T. Th., Two hours credit. Peterson.

A course in the conservation and the obtaining of the maximum educational value of every element in school and classroom organization. Such topics as getting the most out of the study period, the recitation period and the recess; care and use of supplies and books; school-room cleanliness and decoration; school records, reports, etc.; definite disciplinary problems; participation by the students in the management and control of the school.

64. World Myths and Folk Lore.—Winter. T. Th., 10:30. Two hours credit. Dusenberry.

This course will first include a comprehensive discussion of the myth and its origin. A study of the specific myths and folk lore of the following countries will be made: Egypt, India, China, Japan, Philippine Islands, Siam, the Islands of Bati and Borneo. The strong belief of present inhabitants in spirits will be considered, together with ancient and modern beliefs.

Graduate Courses

161. First Grade Education.—Spring. 9:30. Three hours credit. Brown. (See Elementary Education 61.)

162. Measurements of Elementary Education.—Autumn and Spring. 8:30. Three hours credit. Ollerton. (See Elementary Education 62.) (Not given this year.)

163. School Organization and Management.—Autumn. Two hours credit. Peterson. (See Elementary Education 63.)

180. Research Work.—The consent of the instructor is necessary before registering. Sudweeks, Lambert. Students may be given from two to four hours credit for presenting satisfactory thesis on an assigned topic, embodying the results of indepedent work.

ENGLISH

Professors Osmond, Christensen, Reynolds, Holt, Merrill, Pardoe; Associate Professor Jensen; Assistant Professors Rowe, Young; Mrs. Roberts, Mrs. Carroll, Miss Egbert.

Requirements for the Degree of Bachelor of Arts

Students who elect their major in the Department of English will be required to complete thirty hours of work in English in addition to courses 1, 2, and 3, and must elect four of the five period courses; provided, however, that the following substitutions may be made: Course 60 for 72; course 90 for 74; course 91 for 75.

The following additional work is required; three hours in advanced English composition; course 81 or 95; one of the following group of courses: 83, 84, 85, and 86; and course 82. Twenty-four hours in one or more foreign languages are required. A course in English history, unless taken in high school, is strongly recommended. Courses 20, 21, 22 are not open to students who elect their major in English.

For students who minor in English and who intend to teach the subject, the Department specially recommends the following: English 11, 15, 16, 24, 71, 72, 73, 74, 75.

Students making English a minor and desiring the recommendation of the Department to take secondary training in English are required to take an examination in grammar and composition.

Requirements for the Degree of Master of Arts

Candidates for the Degree of Master of Arts in English must have the equivalent of the requirements for the Degree of Bachelor of arts in English and in addition to other graduate courses in English must have two courses in Shakespeare, the course in Old English, and the course in Chaucer.

Placement Tests for Freshman English

In Freshman English due consideration will be given to

needs of individual students. To determine these needs all freshmen will be required to pass a placement test at the time of registration. Assignments to the respective sections will be made after this test.

Lower Division Courses

1. Rhetoric and Composition.—Autumn. M. W. F. Three hours credit. 8:30: Sec. 1, Jensen; Sec. 2, Egbert; Sec. 3, Young; Sec. 4, Osmond. 9:30: Sec. 5. Carroll; Sec. 6, Egbert; Sec. 7, Jensen; Sec. 8, Young. 10:30: Sec. 9, Egbert; Sec. 10, Christensen. 1:30: Sec. 11, Carroll. 2:30: Sec. 12, Carroll.

Grammar review, themes, exercises, conferences, and prescribed reading.

2. Rhetoric and Composition.—Winter. Sections and time the same as in course 1. Three hours credit.

Continuation of course 1.

3. Rhetoric and Composition.—Spring. Sections and time the same as in courses 1 and 2. Three hours credit.

Continuation of course 2.

4. Business English.—Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit. Holt, Roberts.

The substance and style of business English; correctness of diction; business forms and usages.

5. Newswriting.—Autumn. M. Th. 2:30. Two hours credit. Merrill.

A course in news gathering and news writing. The campus and city will be the field of activity. Prerequisites, English 1, 2, 3.

6. Argument and Debate.—Spring. M. W. F., 8:30. Three hours credit. Pardoe.

A study of the principles of argument, followed by a series of debates on current questions. Prerequisites English 1, 2, and 3.

7. History of Journalism.—Autumn, 2:30. Merrill. (Not given this year.)

An outline of the history of journalism and the development of the modern newspaper.

8. Copy Reading and Editing.—Winter. M. Th., 2:30. Two hours credit. Merrill.

A study of copy reading, editing, newspaper make-up, and head-writing, Course 5 is a prerequisite.

11. Advanced English Grammar.—Autumn, 1:30. Spring, 1:30. Four hours credit. Young.

Prerequisites, English 1, 2, and 3.

12. Advanced Rhetoric and Composition.—Autumn, 1:30, Osmond; Winter, 9:30, Christensen. M. T. W. Th. Four hours credit.

Long themes, lectures, conferences, and required reading. Prerequisistes, English 1, 2, and 3.

15. Early American Writers.—Autumn. M. Th., 9:30. Two hours credit. Merrill.

A survey of American literature from Captain John Smith to about 1865.

16. Later American Writers.—Winter. M. Th., 9:30. Two hours credit. Merrill.

A survey of American literature from about 1865 to the present century.

17. Contemporary American Poets.—Autumn. T. Th., 10:30. Two hours credit. (Not given this year.)

A study of the principal American poets

18. Contemporary American Novelists.—Winter. T. Th., 10:30. Two hours credit. Osmond.

A study of the principal American novelists.

19. Contemporary American Short Story Writers.—Autumn. T. Th., 1:30. Two hours credit. Osmond.

A study of the principal American short-story writers.

20. Masterpieces of English Literature.—Autumn. T. Th. Sec. 1, 9:30, Carroll; Sec. 2, 10:30. Carroll. Sec. 3, 10:30, Young. Two hours credit.

A study of the principal English Masterpieces.

21. Masterpieces of English Literature.—Winter. T. Th. Sec. 1, 9:30, Carroll; Sec. 2, 10:30, Carroll; Sec. 3, 10:30, Young. Two hours credit.

A continuation of course 20.

22. Masterpieces of English Literature.—Spring, T. Th. Sec. 1, 9:30, Carroll; Sec. 2, 10:30, Carroll; Sec. 3, 10:30, Young. Two hours credit.

A continuation of course 21.

23. Contemporary British Literature.—Spring. M. W. F., 2:30. Three hours credit. (Not given this year.)

24. Shakespeare.—Autumn. M. T. W. Th., 9:30. Four hours credit. Osmond.

This is an extensive course in the study of Shakespeare. The students will be required to read the principal plays.

25. Types of World Drama.—Autumn. T. Th., 10:30. Two hours credit. Egbert.

The great plays of the world are studied according to type.

26. Types of World Drama.—Winter. T. Th., 10:30. Two hours credit. Egbert.

A continuation of course 25.

27. Types of World Drama.—Spring. T. Th., 10:30. Two hours credit. Egbert.

Upper Division Courses

50. Editorial Writing.—Spring. M. Th., 9:30. Two hours credit. Merrill.

Editorials of the best magazines and newspapers

will be studied. Practice in writing the editorial will be a feature of the class work.

51. Feature Writing.—Spring. M. Th., 2:30. Two hours credit. Merrill.

Newspaper and magazine feature articles will be studied and written. Prerequisistes, English 1, 2, and 3, or the consent of the instructor.

53. Book Reviewing.—Autumn. T. Th., 8:30. Two hours credit. Jensen.

A study of modern book reviewing and practice in writing.

57. Short-Story Writing.—Winter. T. Th., 1:30. Two hours credit. Osmond.

In this course the greater part of the student's time is given to practice in writing short-stories. Prerequisite, English 1, 2, and 3.

59. Poetry.—Spring. T. Th., 1:30. Two hours credit. Osmond.

A practical course in the various forms of verse-writing. (Not given this year.)

60. English Drama to 1642.—Spring, 9:30. Four hours credit. Young. (Not given this year.)

The beginning and development of English Drama, not including Shakespeare, to the closing of the theaters.

61. Modern European Drama.—Autumn. T. Th., 2:30. Two hours credit. Egbert.

(Continental.)

62. Modern European Drama.—Winter. T. Th., 2:30. Two hours credit. Egbert.

(American.)

64. Philology.—Winter, 10:30. Four hours credit. Osmond. (Not given this year.)

The history and development of words and their ways and the evolution of English grammar.

Period Courses

71. **Medieval Literature.**—Autumn. M. T. W. Th. 9:30. Four hours credit. Christensen.

72. **English Literature from 1500-1660.**—Winter. M. T. W. Th., 9:30. Four hours credit. Young.

73. **English Literature from 1660-1780.**—Spring. M. T. W. Th., 1:30. Four hours credit. Jensen.

74. **English Literature from 1780-1832.**—Autumn. M. T. W. Th., 10:30. Four hours credit. Carroll.

75. **English Literature from 1832-1900.**—Winter. M. T. W. Th., 10:30. Four hours credit. Osmond.

Individual Author Courses

81. **Chaucer.**—Autumn. M. T. W. Th., 8:30. Four hours credit. Christensen.

82. **Shakespeare.**—Spring. M. T. W. Th., 9:30. Four hours credit. Osmond.
An intensive and critical study of the principal plays.

83. **Milton.**—Winter. M. W. F., 9:30. Three hours credit. Christensen.
A study of the author's poetry and prose.

84. **Wordsworth.**—Spring. M. W. F., 2:30. Three hours credit. Jensen.
The author's theory of poetry and his principal poems will be studied.

85. **Tennyson.**—Autumn. M. W. F., 2:30. Three hours credit. Young. (Not given this year.)
A study of the author's principal major and minor poems.

86. Browning.—Winter. M. W. F., 1:30. Three hours credit. Osmond.

A study of the author's principal major and minor poems.

87. Matthew Arnold.—Autumn. T. Th., 2:30. Two hours credit. Christensen.

88. Spenser.—Winter. T. Th., 2:30. Two hours credit. Young.

A study of the author's poetry and prose.

90. Romantic Poetry.—Autumn. M. W. F., 10:30. Four hours credit. Reynolds. (Not given this year.)

A study of romanticism as manifested in the poetry of the eighteenth and nineteenth centuries.

91. The Victorian Poets.—Spring. M. W. F., 2:30. Three hours credit. Reynolds. (Not given this year.)

92. The English Novel.—Autumn. M. T. W. Th., 1:30. Four hours credit. Jensen.

The history of English prose fiction to the time of Scott.

93. The Modern English Novel.—Winter. M. T. W. Th., 1:30. Four hours credit. Jensen.

A consideration of the technique of the novel and various phases of life reflected in this form of literature.

94. The English Essay.—Winter. M. T. W. Th., 2:30. Four hours credit. Jensen.

The origin and development of the essay. Contemporary essays will receive special attention.

95. Old English.—Winter. Daily, 8:30. Five hours credit. Christensen.

Old English grammar and reading exercises.

96. Beowulf. — Winter. Four hours credit. Christensen. (Not given this year.)

The entire poem is read in the original. Perequisite, course 95.

97. The History of the English Language.—Spring. M. T. W. Th., 8:30. Four hours credit. Christensen.

An historical and philological study of the language from the Old English period to the present time.

98. Literary Criticism.—Spring. M. W. F., 2:30. Three hours credit. Christensen.

A study of the problems of criticism in the light of the history of critical theory.

99. Types of Poetry.—Spring. M. T. W. Th., 10:30. Four hours credit. Osmond. (Not given this year.)

A study of lyric, epic, and dramatic poetry.

Graduate Courses

(The Period Courses are each four hours credit.)

171. Medieval Literature.—Autumn, 9:30. Christensen.

172. English Literature from 1500 to 1660.—Winter. 9:30. Young.

173. English Literature from 1660 to 1780.—Spring, 1:30. Jensen.

174. English Literature from 1780 ao 1832.—Winter, 10:30. Carroll.

175. English Literature from 1832 to 1900.—Spring, 10:30. Osmond.

181. Chaucer.—Autumn, 8:30. Four hours credit. Christensen.

182. Shakespeare.—Spring, 9:30. Four hours credit. Osmond.

183. **Milton.**—Spring, 9:30. Three hours credit. Christensen.

184. **Wordsworth.**—Spring, 2:30. Three hours credit. Jensen.

185. **Tennyson.**—Autumn, 2:30. Three hours credit. Young.

186. **Browning.**—Winter, 2:30. Three hours credit. Osmond.

195. **Old English.**—Spring. Daily, 8:30. Five hours credit. Christensen.

196. **Beowulf.**—Four hours credit. Christensen. (Not given this year.)

197. **The History of the English Language.**—Spring, 8:30. Christensen.

198. **Literary Criticism.**—Spring, 2:30. Three hours credit. Christensen.

200. **Thesis for Master's Degree.**—Time and Credit to be arranged.

FINANCE AND BANKING

Professors Clark, Swenson, Miller; Mr. Ballif.

Lower Division Courses

14. **Economic and Financial History of the United States.**—Autumn. M. W. F., 2:30. Three hours credit. Miller. (See Economics 14.)

The economic development of the United States through the colonial era and the period of the industrial revolution and westward movement, with emphasis upon economic integration and industrial organization.

21. **Commercial Law.**—Autumn. M. T. W. Th.,

8:30. Four hours credit. Ballif. (See Political Science 43.)

Fundamental notions concerning legal principles and institutions; the law governing the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property, and rights based thereon. Leading cases decided by the courts will be examined.

22. **Commercial Law.**—Winter. M. T. W. Th., 8:30. Four hours credit. Ballif. (See Political Science 44.)

A study of the law governing Negotiable Instruments, emphasizing the essential characteristics of this class of contracts and its commercial importance, together with rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barters, and bailments. Reference will be made to the leading cases decided by the courts.

23. **Commercial Law.**—Spring. M. T. W. Th., 8:30. Four hours credit. Ballif. (See Political Science 45.)

A study of the law governing relationships arising out of business association. Agency, partnerships and corporations will be studied by an examination of the leading cases decided by the courts.

Upper Division Courses

51, 52. **Business Finance.**—Autumn, Winter. M. T. W. Th., 9:30. Four hours credit each quarter. Clark.

Financial problems connected with the organization of corporations, underwriting and sale of securities, management, expansion, and the reorganization of those that are not successful. Economics 1 and 2 prerequisite.

53. **Money and Banking.**—Spring. M. T. W. Th.,

9:30. Four hours credit. Clark. (Not given this year.)

A study of the principles of money and banking and the exemplifications of these principles in the monetary and banking history of the United States. A study of the present-day currency and banking problems in the United States. Economics 11 and 12, prerequisite.

54. Investments.—Spring. M. T. W. Th., 9:30. Four hours credit. Clark.

A study of the various forms of investment; distinction between investment and speculation; methods of investment. Prerequisite, Finance and Banking 51.

67. Public Finance and Taxation.—Spring. M. W. F., 2:30. Three hours credit. Miller. (See Economics 67.)

The science of public finance; the theory of public expenditure; public income and public debts; the preparation of the budget and financial administration.

Graduate Course

101. Research in Business Finance.—Winter, Spring. Two to five hours credit. Clark.

GEOLOGY AND GEOGRAPHY

Professors Hansen, Martin; Associate Professor Hales; Mr. Coffman and Mr.———.

GEOLOGY

Credit will be allowed for only one of the following: Geology 1, Geology 2, and Geography 2.

Geology 1 or 2, 3, 30, 57, 51, or 94, 71, 91 and 92 are required of students majoring in Geology.

Lower Division Courses

1. **Survey Course.**—Spring. Lectures, M. W. F., 10:30. Laboratory or field work, T. Th., 2:30-5:30. Four hours credit. Hansen.

A survey of the fields of physical and historical geology, which will give the student a basis for reading and thinking on the relation of the earth, man, and nature. For non-science students who have had no high school chemistry, it is recommended that they precede this course by Chemistry 1.

2. **Physical Geology.**—Autumn. Lectures. M. T. W. Th., 8:30, and two Saturday field trips. Laboratory, T. Th., 1:30-4:30. Five hours credit. Hansen.

This course introduces in considerable detail the physical aspects of geology and should be elected by those intending to major in the subject.

3. **Historical Geology.**—Winter. Daily, 8:30 and some assigned laboratory work. Five hours credit. Hansen.

A course in the development of the earth and tne forms of life that have inhabited it. Prerequisites, Geology 1, or 2 or Geography 2.

30. **Mineralogy.**—Winter. T. Th., 10:30. Laboratory T. Th., 1:30 to 4:30. Four hours credit. Hansen. Prerequisite, high school chemistry or an introductory course in college chemistry.

An elementary course in the study of about 80 of the more common minerals that can be determined by simple chemical and blowpipe tests.

Upper Division Courses

51. **Structural and Field Geology.**—Spring. M. T. W. Th., 8:30 and forty hours laboratory or field work during the quarter. Five hours credit. Hansen.

A course in the recognition and interpretation of

rocks, rock structures and deformations, on geological maps and in the field. Training in the making of geological maps and sections. Emphasis is laid on the influence of rock structures on the deposition of metal deposits and the accumulation of oil and water. Geology 1 or 2 and 3 prerequisite. This course alternates with course 94.

55. Sedimentation.—Winter. M. W. F., 8:30. Three hours credit. Hansen. (Not given this year.)

Lectures on the processes of sedimentation, supplemented by laboratory studies of unconsolidated sediments and sedimentary rocks with the idea of determining their origin and the conditions under which they are formed.

57. Soil Geology.—Spring. M. W. F., 8:30. Three hours credit. Martin. Prerequisite Geology 1 or 2 and Chemistry 1.

61. Geology of the United States.— Spring. Daily. Five hours credit. Hansen. Prerequisite, Geology 1 or 2.

A thorough course in the stratigraphy of the United States by physiographic provinces. The materials published by the U. S. Geological Survey and the state surveys will be used.

63. Water Resources.—Autumn. M. W. Th., 1:30. Three hours credit. Coffman. (See Agronomy 63.)

A study of underground waters and their economic importance with special reference to streams, springs, wells, and drainage. Prerequisites Geology 1 or 2.

71. Invertebrate Paleontology.—Spring. T. Th., 10:30 and three hours laboratory work. Zoology 55 prerequisite. Three hours credit. Hansen. This course alternates with course 72.

A study of invertebrate life forms, of the parts that may be fossilized, and of the conditions under

which plant and animal remains have been preserved; and deals with the collection and preparation of fossils and their identification. (Not given this year.)

72. **Vertebrate Paleontology.**—Spring. T. Th., 10:30. Three hours Laboratory. Zoology 56 or Geology 3 prerequitite. Three hours credit. Hansen.

73. **Stratigraphy and Fossils of the Wasatch.**—Autumn. Time to be arranged. Eight hours field or laboratory work. Geology 71 prerequisite. Three hours credit. Hansen.

A course in the rocks and fossils of the Wasatch range giving the student experience in collecting and determining fossils and their age.

83. **Seminar.**—Autumn, Winter and Spring. One hour credit each quarter. Time to be arranged.

Required of junior and senior students who are majoring in this department.

91. **Economic Geology.—Non-Metals.**—Winter. M. W. F., 10:30. Three hours credit. Hansen.

The geologic occurrence, economic importance and methods employed in mining the non-metallic mineral products such as coal, petroleum, gypsum, salts, etc. Attempts to evaluate these minerals in the United States and especially those in Utah. Suggests prospecting methods and the economic factors concerned in successful exploitation. Prerequisite,, Geology 1 or 2 and 30. This course alternates with course 92.

92. **Economic Geology—Metals.**—Winter. M. W. F., 10:30 and three field trips. Three hours credit. Prerequisites, Geology 1 or 2 and 30. Hansen.

A study of the economically important deposits of ores of the metals, their occurrence, formation, and relationship, the nature of ore magmas and ore bearing solutions. (Not given this year.)

93. **Ore Deposits of Utah.**—Autumn. T. Th.,

9:30, and trips to Tintic, Bingham and Park City Mining districts, the expense of which the student must meet. Three hours credit. Hansen.

Intended to follow course 92. It deals with the genesis of the ores of Utah and their profitable extraction. Embraces a study of the mining districts of the state. Prerequisite Geology 92.

94. Engineering Geology.—Spring. W. T. F., 8:30 laboratory six hours per week. Three-hour class and two hours laboratory. Five hours credit. Hansen. Geology 1 or 2 and 30, prerequisite. (Not given this year.)

A general course dealing with engineering problems in Geology, together with practical experience in the use of a transit, plane table and alidade, etc.

96. Readings in Geology.—One to three hours credit. For students majoring in Geology. Hansen.

Graduate Courses

101, 102, 103. Research.—Hours and credit to be arranged. Hansen.

Special problems in the field of Geology will be assigned to students prepared to do original work.

110. Geology of Utah.—Autumn, T. Th., 1:30, and three long field trips, the expense of which is borne by the students. Three hours credit. Prerequisites, Geology 1, 2, and 51. Hansen.

Intended for advanced or graduate students who already have a working knowledge of Geology. Deals with the geologic history of the state and its development into distinct provinces. A thorough study of its stratigraphy is made; type localities will be visited to study the formations and structures.

121. Index Fossills.—Spring. M., 10:30 and six hours laboratory work by arrangement. Three hours credit. Hansen.

A course dealing with the fossils that mark the

geologic periods in Utah. Prerequisites, Geology 2 and 71 or their equivalent.

155. Sedimentation.

191. Special Problems in Non-Metals.

192. Special Problems in Metals.

194. Engineering Problems in Geology.

200. Thesis Work.

GEOGRAPHY

Lower Division Courses

Credit will not be allowed for both Geology 1 and Geography 2.

1. Introductory Geography.—Winter. Daily, 1:30. Five hours credit. Coffman.

Course introducing all other work in the department. Deals with the fundamental principles of Geography whether political, historical, physiographic or economic. This alternates with course 2.

2. Physiography.—Winter. M. T. W. Th., 1:30 and three hours laboratory work. Five hours credit. Hansen and Coffman. (Not given this year.)

A general course in the agencies at work on the earth's surface and the forms developed by them.

3. Advanced Physiography.—Spring. M. W. F., 1:30 and several field trips by arrangement. Four hours credit. Geography 2, prerequisite. Hansen and Coffman.

Continuation of course 2.

21. Meteorology.—Autumn. M. T. W. Th., 10:30. Four hours credit. Hales. (See Physics 21.)

This course deals with the physics of the earth's atmosphere. It includes a study of the causes which

produce variations in pressure, temperature, and humidity of the air and their influence upon the weather and the climate. This course is particularly valuable to those interested in aeronautics, weather bureau work or teaching.

30. Geography of Economic Products.—Spring. Daily, 9:30. Five hours credit. Coffman.

This course deals with the geographic and human factors that have governed the development and localization of industries.

Upper Division Courses

51. The Geography of Life.—Spring. M. W. F., 10:30, and all day field trips. Four hours credit. Hansen.

Lectures and readings on the factors that control the distribution and abundance of plant, animal and human life. A thesis on some assigned aspect of the subject. (Not given this year.)

52. Human Geography.—Winter. M. W. F., 10:30. Three hours credit. Hansen. Geology 1 or 2 prerequisite.

The response man has made to his geographic environment. Deals less with men's modification and control of nature than with nature's effect on him.

61. Geography of the United States.—Autumn. M. W. F. Three hours credit. Hansen. (Not given this year.)

Geography 1 and 2 are prerequisites to this course.

Graduate Courses

100, 101, 102. Research.—Hours and credit to be arranged. Hansen.

Under this course special problems may be as-

signed students who are prepared to do original work in the field of Geography.

111. Physiography of Utah.—Spring. T. Th., 8:30 and three Saturday field trips. Three hours credit. Hansen.

Open to advanced students in Geography. Deals with the present surface forms of Utah and how they came to be developed.

161. Geography of United States.

180. Special Problems in Human Geography.

200. Thesis Work.

HISTORY

Professors Jensen, Snow; Associate Professor Sperry.

Requirements for a Major in History

Students must present a minimum of fifteen hours of upper division credit in History. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

1. History of Civilization.—Autumn. Daily, 8:30 Five hours credit. Snow.

This course will neglect destructive forces, and survey constructively the whole field of human progress from the earliest developments to the present time. Orientation in all lines of human achievement is the primary objective. It is hoped that such a comprehensive view of the world will serve, in a small way at least, as an introduction to all the other studies in the curriculum, and at the same time broaden the sympathies of the students, give them a stronger feeling of fellowship toward all mankind, and increase their appreciation of the heritage of the ages. While planned

more particularly for freshman and sophomore students, it will, it is hoped, be of value to all who desire exposure to the general phases of man's upward climbing.

10. History of England to 1485.—Autumn. M. W. F., 9:30. Three hours credit. Snow.

The origins of English institutions; the beginnings of nationality; the Norman conquest and its results; feudalism in England; influence of Henry II and Edward I; parliamentary development of the 13th century; the beginning and development of popular rights; the rise of the industrial and commercial classes; the Hundred Years War; the Wars of the Roses.

11. History of England, 1485 to 1714.—Winter. M. W. F., 9:30. Three hours credit. Snow.

England under the Tudors; constitutional reaction; the struggle of the Stuarts with the forces of Puritanism; the Commonwealth and the Protectorate; influences of Cromwell; the Restoration; the Revolution of 1688; reign of Queen Anne.

12. History of England, 1714 to 1927.—Spring. M. W. F., 9:30. Three hours credit. Snow.

The development of cabinet government; the wars with France; the Napoleonic struggles; the conditions leading to the American Revolution and the loss of the American colonies; the expansion of the British Empire; the political, social, religious, and economic reforms of the nineteenth century; the Irish question; Great Britain in the World War; problems since the War.

20. History of United States to 1789.—Autumn. M. W. F., 2:30. Three hours credit. Jensen.

A study of the problems of discovery, exploration, and colonization; European conflicts for colonial possessions in America; causes, conflicts, and results of the American Revolution; establishment of state governments; the "Critical Period" and its problems; the

work of the Federal Constitutional Convention; ratification of the Constitution.

21. **History of United States, 1789 to 1861.**—Winter. M. W. F., 2:30. Three hours credit. Jensen.

The establishment of a national government; political theories of Federalists and Anti-Federalists; Jeffersonian democracy; the Second War with England; the "Rise of the New West"; formulation of the Monroe Doctrine; the Jacksonian "reign"; nullification; the Mexican war; economic, political, and moral phases of slavery.

22. **History of United States Since 1861.**—Spring. M. W. F., 2:30. Three hours credit. Jensen.

The problems of secession; the military, political, and economic aspects of the Civil War; problems of reconstruction; civil service reform; the Far West; Spanish American War; the Philippine question; industrial and social problems; diplomacy and foreign relations; political parties and party activities; participation in the World War; post-war problems.

23. **Great American Political Personalities.**—Autumn. T. Th., 8:30. Two hours credit. Jensen. (Not given this year.)

A study of the lives and times of prominent Americans who have helped to influence and shape American history from colonial times to the present.

28. **History of Latin America.**—Winter. M. W. F., 8:30. Three hours credit. Snow.

This course will cover in a summary fashion, and in a more thorough manner the history of the Hispanic American republics and their relation to the United States.

29. **History of Latin America.**—Spring. M. W. F., 8:30. Three hours credit. Snow. Continuation of History 28.

Upper Division Courses

50. Early Oriental History.—Autumn. M. W. F., 10:30. Three hours credit. Sperry.

This course deals with the most ancient civilizations of the world. A study is made of Egypt, Babylonia, Assyria, China, India, Arabia, Persia, the Hebrews, and other oriental races. The course will be helpful to those especially interested in the Jewish scripture.

54. Grecian History.—Winter. M. W. F., 10:30. Three hours credit. Sperry.

A study of the development of the political, social and economic life of the Greek people from the earliest time to the conquest by Alexander. The fifth and fourth centuries will be given special consideration.

57. Roman History.—Spring. M. W. F., 10:30. Three hours credit. Sperry.

A brief survey of the earlier period and the Republic, and a more intensive study of the imperial period, its struggles and vicissitudes to the period of Justinian.

62. Medieval History.—Winter. Three hours credit. Snow. (Not given this year.)

Studies covering the perid from 500-1200. Considerable attention will be given to the Latin Church, the growth of Monasticism and the interrelation of Charlemagne's Empire and the Papacy, the growth and character of Feudalism, and finally review the rising power of the Church and European society in general in the twelfth century.

63. Medieval History.—Spring. Three hours credit. Snow. (Not given this year.)

70. Revolutionary Europe, 1789 to 1852.—Autumn. M. W. F., 2:30. Three hours credit. Snow.

A study of the new forces of liberalism contribut-

ing to the French Revolution and greatly accentuated by the catastrophic event. These forces are studied in their exaggerated form to 1815, and in their struggle against reaction and absolutism after that date to 1852.

71. Europe, 1851 to 1907.—Winter. M. W. F. 2:30. Three hours credit. Snow.

Exaggerated nationalism. A study of the new industrial revolution and the era of the benevolent Bourgeoisie, Russia, Germany, Italy, France, and Austria are studied in the light of the new forces at work. Also the Near East question receives special attention.

72. Europe Since 1907.—Spring. M. W. F., 2:30. Three hours credit. Snow.

A study of the new imperialism and its far reaching results in Asia, Africa, Australia, and South America; International relations, 1870-1914; (a) the Concert of Europe, (b) the Hegemony of Germany, (c) the balance of power; general and immediate causes of the World War; the progress and conclusion of the War.

80. History of the West and the Ever Receding American Frontier.—Autumn. M. W. F., 3:30. Three hours credit. Snow.

After a brief survey of European expansion in North America and international rivalry for the Caribbean area and the Atlantic tidewater region, attention is given to the French in the heart of America and their eventual downfall at the hands of the English in 1763. Spanish expansion in the southwest and up the Pacific coast is given consideration. With this background and setting the American west and the significance of the frontier are given detailed study.

81. History of the West.—Winter. M. W. F., 3:30. Three hours credit. Snow.

The development and filling in of the Trans-Mississippi West and the acquisition of territory from Spain and Mexico in 1848.

82. **History of the West.**—Spring. M. W. F., 3:30. Three hours credit. Snow.

Various aspects of the frontier and the West in American politics. Western panaceas for economic ills, the cow countries, railroad activities, admission of omnibus states, disappearance of frontier in 1892.

95. **American History to 1789.**—Autumn. T. Th., 2:30. Two hours credit. Jensen.

A study of colonial institutions and the constitutional relations between the colonies and the mother country; the problem of British imperialism; constitutional theories and principles involved in the Revolutionary struggle; problems of the Confederation; the work of the Federal Constitutional Convention.

96. **History of United States from 1789 to 1861.**—Winter. T. Th., 2:30. Two hours credit. Jensen.

A study of the organization of the new government; the problems of nationality and state rights; the problems involved in slavery and in the expansion of the nation.

97. **History of the United States Since 1861.**—Spring. T. Th., 2:30. Two hours credit. Jensen.

An examination of the theory of secession; constitutional aspects of the war power; the problem of reconstruction; questions relating to industrial and economic expansion, insular possessions, the World War and its after effects.

Graduate Courses

153. **Roman History.**—Problems of agrarian reform and Roman imperialism.

162. **Medieval History.**—The struggle between the empire and papacy, feudalism, monasticism, etc.

163. **Medieval History.**—The growth of cities,

rise of national monarchies, pre-reformation movement, etc.

170. **Modern History.**—The new Science and philosophy of the seventeenth and eighteenth centuries.

171. **Modern History.**—The struggle between liberalism and conservatism in the nineteenth century.

172. **Modern History.**—Some problems connected with the World War and intricate world relations since then.

180. **History of the West.**—The West as a factor in international rivalry to 1763, and as a potential force in the American Revolution.

181. **History of the West.**—The influence of the West in the opening of the Mississippi, the War of 1812, the American system, etc.

182. **History of the West.**—The history of the Trans-Mississippi West, the Great Basin, etc.

195. **American History.**—Problems of Colonial and Revolutionary history.

196. **American History.**—Topics in the development of American political and historical institutions.

197. **History of the United States.**—Problems in recent American constitutional history.

200. **Research for Master's Thesis.**

HOME ECONOMICS

Associate Professors Warnick, Cannon; Professors Elliott, Larsen; Miss Swenson, Miss Scorup, Miss Billings, Mrs. Robertson.

It is advised that students of Home Economics take both major and minor in this department as this facilitates placement in teaching positions. Major or minor may be

obtained in, Clothing, and Textiles, or Foods and Nutrition or Household Administration. Some Clothing and Textiles and Foods and Nutrition credits will be accepted toward a major in Household Administration. It is recommended that the prerequisites of courses be taken as listed. Household Administration 71 and 72 are required of students expecting teaching positions.

CLOTHING AND TEXTILES

Six approved hours of Foods and Nutrition and Household Administration may count towards a major in Clothing and Textiles.

Lower Division Courses

1 or 70. Clothing.—Autumn. M. T. W. Th., Section 1, 8:30. Section 2, 9:30. Section 3, 2:30. Two hours credit. Robertson.

Prerequisite or parallels Art 21. Use and application of commercial patterns to the user. Technical finishing of simple, machine-made garments. Lecture period will consider the purchasing of textiles, their construction and care. Making of wool dresses and tailored finishes.

2 or 71. Clothing.—Winter. M. T. W. Th., Section 1, 8:30. Section 2, 9:30, Section 3, 2:30. Two hours credit. Robertson.

Prerequisite, or parallels, Art 25. Study of silk textiles. Party dresses; emphasis placed on the correct finishing of each article. Lectures on the above textiles, colors and dress design.

3 or 72. Clothing.—Spring. M. T. W. Th. Section 1, 8:30. Section 2, 9:30. Section 3, 2:30. Two hours credit. Robertson.

Prerequisite, or parallels Art 26. Summer dresses. Adapting the line and color to the form and complexion of the wearer. Important points in the social and artistic problems will be emphasized.

10. Dress Appreciation.—Autumn. T. Th., 1:30. Two hours credit. Billings.

The aim of this course is to give a practical knowledge and appreciation of good design in dress and to help the student choose her personal wardrobe wisely. Open to all students not majoring in home economics, and required of minors in clothing and textiles who do not take course 65.

Upper Division Courses

50. Clothing Decoration.—Autumn. M. T. W. Th., 9:30. Two hours credit. Elliott.

Decorative needle work stitches applicable to household and dress decoration. Planning and developing simple decorative designs for all types of clothing. Articles of clothing applying these stitches will be made in the course.

51. Practical Household Krafts.—Winter. M. T. W. Th., 9:30. Two hours credit. Elliott.

The decorative stitchery given in course 50 is applied on clothing and articles used in the home.

52. Children's Clothing.—Spring. M. T. W. Th., 9:30. Two hours credit. Elliott.

A consideration of design and construction of children's clothing suitable to various ages and types.

55. Advanced Garment Construction.—Autumn. M. W. F., 2:30. Two hours credit. Elliott.

Practice in renovating and remodeling. The principles of tailoring and applying the same to clothing.

56. Advanced Garment Construction.—Winter. M. W. F., 2:30. Two hours credit. Elliott.

Problems involved in the technique of dresses, coats, and suits. Emphasis will be placed on the tailoring of these articles, supplemented with lectures, discussions and demonstrations.

57. Wardrobe Building.—Spring. M. W. F., 2:30. Two hours credit. Elliott.

Planning and designing dainty clothing for a college girl's wardrobe. Emphasis is put on the finishings of trimmings and material and on color combination.

60, 61. Textiles.—Autumn and Winter. T. Th., 10:30. Three hours credit each qquarter. Elliott.

Prerequisite Chemistry 1. History of primitive and modern methods of manufacturing textiles. This includes a study of growth, preparation and manufacture of fibers as a basis of judgment in the purchase and use of materials used for clothing and house furnishings. Special consideration is given to the economic trend of the commonly used fibers.

62. Textiles.—Spring. T. Th., 10:30. Three hours credit. Elliott.

Continuation of course 61.

Field trips to stores and industries to study material are part of this course.

65. Costume Design.—Winter. M. W. F., 1:30. Three hours credit. Billings.

Principles of art applied in the selection and designing of appropriate costumes. A brief study of the historic costumes.

66. Applied Costume Design.—Spring. T. Th., 1:30. Two hours credit. Billings.

Designing with models applied to costumes designed in previous course. Prerequisite, course 65.

FOODS AND NUTRITION

Four approved hours of Clothing and Textiles or Household Administration may count toward a major in Foods and Nutrition.

Lower Division Courses

1. **Food Problems in the Home.**—Autumn. T. Th. Lecture 2:30-3:30; Laboratory 3:30-5:30. Three hours credit. Scorup.

For girls not majoring in home economics who desire some experience in the planning, preparation, and serving of adequate, well-cooked family meals. Considers costs, selection, and preservation of foods; preparation of breakfast dishes, the planning, preparation, and serving of breakfast at a limited cost.

2. **Food Problems in the Home.**—Winter. T. Th. Lecture 2:30-3:30. Laboratory 3:30-5:30. Three hours credit. Scorup.

A continuation of course 1. Planning a convenient kitchen; selection of kitchen equipment; preparation of luncheon and dinner dishes; the planning, preparation, and serving of various types of family luncheons and dinners at a limited cost. Managerial ability and marketing are stressed.

3. **Food Problems in the Home.**—Spring. M. W. Lecture 2:30-3:30. Laboratory 3:30-5:30. Three hours credit. Scorup.

A continuation of course 2. Preparation of dinner dishes and the planning, preparation, and serving of various types of family dinners at a limited cost. Special attention is given to the cookery of meats and vegetables.

Note: Courses 1, 2, and 3 may be taken in order but there are no prerequisites for either course.

4. **Cookery Problems.**—Spring. M. W. F., Laboratory 7:30-8:30. One hour credit. Scorup.

For men desiring experience in simple meal preparation. Special fee $2.00.

5. **Elementary Nutrition.**—Spring. T. Th., 10:30. Two hours credit. Scorup.

A study of the nutritive properties of common food materials and the essentials of an adequate diet. As this course is designed primarily for normal students, food for the school child will receive special attention. Open to men and women and required of students minoring in Foods and Nutrition who do not take course 53.

10 or 70. Food Selection, Preparation, and Serving.—Autumn. M. W. Lecture 2:30-3:30. Laboratory, Sec 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Scorup.

Prerequisite, Chemistry 1 and 2 or equivalent. Special emphasis is placed on experimental cookery. The economy, the palatability, and proper balance of meals are considered. Special emphasis is placed on dishes suitable for breakfast and their serving.

11 or 71. Food Selection, Preparation, and Serving.—Winter. M. W. Lecture 2:30-3:30. Laboratory. Sec. 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Scorup.

Prerequisite, course 10. A continuation of course 10, with special emphasis on different luncheon dishes. Various types of luncheons are served.

12 or 72. Food Selection, Preparation and Serving.—Spring. M. W. Lecture 2:30-3:30. Laboratory. Sec 1, T. Th., 8:30-10:30; Sec. 2, M. W., 3:30-5:30. Three hours credit. Scorup.

Prerequisite course 11. A continuation of courses 10 and 11. Special emphasis is placed on formal table service. Dishes and menus for different types of dinners are studied.

15 or 75, 16 or 76. Food Economics.—Autumn and Winter. T. Th., 10:30. Two hours credit each quarter. Scorup.

Prerequisite, Home Economics 10, 11, 12.

Food marketing and purchasing. Principles under-

lying selection of materials and supplies,markets,advertising, and brands will be considered with reference to public economy and conservation. Food budgets and preservation of foods. Special assignments will be made in food marketing problems. The subject is approached from the viewpoint of the buyer of foods and the teacher of home economics.

Upper Division Courses

50. Large Quantity Cookery and Marketing.—Autumn, Winter or Spring. Daily. 10:30-1:30. Five hours credit. Cannon.

Experience in management of school cafeterias, quantity cookery, marketing, keeping of cafeteria accounts. Prerequisites or parallels courses 10, 11, 12, or equivalents and 51. Students should register in the autumn for a place during the year. Limited to five students each quarter.

52. Nutrition of Children.—Winter. T. Th., 1:30. Laboratory, M. T. Th. F., 11:30-1:30. Three hours credit. Warnick.

A consideration of the nutritional requirements and disorders of pregnancy, infancy, the pre-school and the school child. Laboratory work will be given in connection with undernourished children in the Training School.

53. Nutrition.—Autumn. M. W. F., 9:30. Four hours credit. Cannon. Laboratory Wed. 2:30-5:30.

Prerequisites, Chemistry 1, 2, 7 and Home Economics 10, 11, 12. A study of the chemistry, digestion and metabolism of carbohydrates, fats, and proteins, also the properties of food and their effect on health and growth. This course and the two following, should be taken whenever possible in the junior year.

54. Dietetics.—Winter. M. W. F., 9:30. Laboratory 2:30-5:30. Four hours credit. Cannon.

Prerequisite, course 53. A continuation of course 53, with a discussion of the latest work on minerals and their metabolism, vitamins and the deficiency diseases. The food requirements of the family and individual are considered.

55. Nutrition in Disease.—Spring. M. W. F., 9:30. Laboratory, Wednesday 2:30-5:30. Four hours credit. Cannon.

Prerequisite, courses 53 and 54. This course deals with the value of food in maintaining health. Emphasis is placed on special diets for different diseases.

56. Seminar in Nutrition.—Spring. T. Th., 2:30. Two hours credit. Cannon.

Required of all senior girls majoring in Foods and Nutrition.

57. Advanced Problems in Cookery.—Winter. Time to be arranged. Two hours credit. Lecture and laboratory period. Scorup. (Not given this year.)

58. Experimental Animal Nutrition.—Open to seniors and graduates only. Prerequisite 5 hours in organic or biochemistry and courses 53 and 54. This course is designed to acquaint students with the methods used in small animal experimentation. One hour lecture. Laboratory time and credit to be arranged. (See Animal Husbandry 98.) (Not given this year.)

HOUSEHOLD ADMINISTRATION

Ten approved hours of Foods and Nutrition and Clothing and Textiles may count towards a major in this field.

Lower Division Courses

1. Household Problems.—Autumn. T. Th., 9:30. Two hours credit. Warnick.

This course will present the most important problems in the organization and management of the household, including a simple study of the family income

and its expenditure. Open to housewives and to students not majoring in home economics.

10. Family Health.—Winter. T. Th., 8:30. Two hours credit. Warnick.

A consideration of factors underlying health, common communicable diseases and their treatment; home care of the sick.

Upper Division Courses

50, 51. Home Planning and Applied Art.—Winter and Spring. M. W. F., 1:30. Two hours credit each quarter. Larsen.

Historic development of the house. Study of American styles of home architecture. Proper location and environment for the home. House planning, study of plans and specifications. Effect of form, line and color. Two recitations and one studio hour. Prerequisite, Art 21. (See Art 80 and 81.)

60. Home Management.—Autumn. M. W. F., 8:30. Three hours credit. Warnick.

The study of the organization and management of the home, including home ideals, methods of work, division of time in the household and household tools.

61. Economics of the Household.—Winter. M. W. F., 8:30. Three hours credit. Warnick.

A study of the household in its economic and social relation, including a study of the family income and its expenditure. Prerequisite, Sociology 11 or Economics 11.

62. Family Relationships.—Spring. M. W. F., 8:30. Three hours credit. Warnick.

The modern family, its function and structure; modern social conditions affecting its stability and pattern; characteristics of a well adjusted family; desirable traits of family members; responsibilities and

contributions of members of the family group to the family life, economic, social, moral, spiritual. Preparation for marriage. Open to men and women.

70. Vocational Survey of Field of Home Economics.—Autumn. Friday 3:30. One hour credit.

Members of Home Economics Faculty.

Vocational opportunities for the home economics trained woman are investigated and discussed with the view of directing major students in selecting the field for which they are best adapted. Required of all junior students, also seniors who have not previously had the course.

71. Methods of Teaching Home Economics.—Spring. T. Th., 8:30. Two hours credit. Warnick.

A study of adapting home economic courses to existing home and community needs; equipment and teaching facilities; laboratory arrangement and management; the teacher and professional adjustment. For juniors majoring in home economics, who are preparing to teach.

72. Methods of Teaching Home Economics.—Autumn. T. Th., 8:30. Two hours credit. Warnick.

A discussion of objectives, teaching methods in their relation to home economics, curriculum content, project teaching and related subject matter. For seniors in home economics who are preparing to teach.

(See Secondary Teaching 67.) Neither major nor minor credit is allowed for this course.

80. Child Care.—Autumn. M. W. F., 1:30. Three hours credit. Warnick.

Agencies working for child welfare; problems of prenatal and infant care; physical and mental standards of development; general care and hygiene of mother and child.

81. Child Development.—Spring. M. W. F., 1:30. Three hours credit. Warnick.

Habit formation and behavior problems of the infant and pre-school child; home influence in the care and training of children; mental hygiene, observation of children in the home.

82. **Seminar in Child Development.**—Spring. One hour credit. Time to be arranged. Warnick.

HORTICULTURE

Assistant Professor Morris, Mr. Shaw.

Students majoring in Horticulture are required to take the following: 1, 3, 6, 51, 53, 57, 59. Botany 12 should be taken the first year.

Lower Division Courses

1. **Principles of Pomology.**—Autumn. M. W. F., 8:30, laboratory M. 2:30-5:30. Four hours credit. Shaw.

The principles underlying profitable orchard management. Profits will be emphasized. History of orcharding in the United States, methods of planting selection of locations and sites, marketing, storage, harvesting, thinning, proper care of the trees.

2. **Olericulture.**—Spring. M. W. F., 8:30, laboratory M. 2:30-5:30. Three hours credit. Shaw.

The underlying principles of home and commercial vegetable production. Production for better profits emphasized.

3. **Plant Propagation.**—Winter. T. Th., 9:30. Laboratory W., 2:30-5:30. Three hours credit.

Sexual and asexual means of propagation studied spores, seeds, grafting, budding, cutting, layering, separation.

4. **Ornamental Plant Materials.**—Winter. T. Th.,

9:30, laboratory W. 2:30-5:30. Three hours credit. (Not given this year.)

Woody and herbaceous plants used in landscape gardening. The student will learn to identify trees, shrubs and flowers; also the adaptations of each to the garden. Required for Horticulture 5.

5. Landscape Design.—Winter. M. W. F., 9:30. Laboratory T. and Th., 2:30-5:30. Five hours credit. (Not given this year.)

Designing of city and county home grounds for beauty and use. Horticulture 4 is required for this course.

6. Ornamental Plant Materials.—Winter. M. W., 9:30, laboratory T. 2:30-5:30. Three hours credit. (Not given this year.)

Woody and herbaceous plants for spring effect. This course is a continuation of Horticulture 4; it is concerned chiefly with plants for spring and summer effect.

7. Small Fruits.—Winter. M. W. Laboratory W., 2:30-5:30. Three hours credit. Shaw.

A study of varieties, propagation, cultural methods, pruning, training, insect and disease control, and harvesting. Crops studied are grapes, strawberries, raspberries, dewberries, blackberries, currants and gooseberries.

Upper Division Courses

51. Origin and History of Cultivated Plants.—Autumn. T. Th., 8:30. Two hours credit. Shaw.

Study of origin of species and varieties. Changes and adaption of plants. Interesting historical facts of plants.

52. Systematic Pomology.—Winter. T. Th., 1:30 laboratory, F., 2:30-5:30. Three hours credit. Shaw.

Emphasis placed on identification of fruits and

fruit trees. Wild and cultivated species studied. Development of varieties from species. Description and nomenclature.

53. Fundamentals of Fruit Production.—Spring. M. W. F., 1:30. Three hours credit. Shaw.

A technical course based upon plant physiology and morphology as applied to fruit production. Nutrition, water relations, winter injury, pollination problems, physiology of pruning, climatic factors will be studied.

54. Commercial Gardening.—Autumn. T. Th., 2:30. Two hours credit . Shaw.

A study of large scale production for canning factories, special and general markets.

55. Practical Problems in Horticulture.—Spring. Laboratory course. Time to be arranged. One hour credit. Shaw.

A study of horticultural problems in Utah. Orchards and plantations will be visited and studied.

59. Plant Breeding.—Winter. M. W. F., 2:30. Three hours credit. (Not given this year.)

A study of plant genetics in relation to improvement of plants. Methods of hybridizing and selection for the development of plant varieties, as practiced in Europe and America. Prerequisite, Genetics (given in Zoology and Botany departments.)

91. Seminar.—Three hours credit. Time to be arranged.

A study of the research work being done at the various experiment stations. For seniors majoring in Horticulture.

Graduate Courses

101. Methods of Research.—Time and credit to be arranged.

Methods used in the investigation of horticultural problems. Study of published reports, outlining, methods of attack.

102. Research.—Time and credit to be arranged. Students who are qualified are required to do some horticultural research problems.

LIBRARY

Miss Ollorton, Mrs. Gillespie and Mrs. Brown.

11. Use of Books and Libraries.—Autumn, Winter, or Spring. 3:30. Th. One hour credit.

The purpose of this course is to help students to become efficient in using books and libraries. The use of reference books and an understanding of the card catalog will receive special emphasis.

MATHEMATICS

Professors Eyring, Marshall; Associate Professor Hales.

Students who major in Mathematics have the following courses prescribed: Mathematics 11, 12, 49, 50, 51, 52, 71, 72.

11. College Algebra.—Winter. Daily, 8:30 and 2:30. Five hours credit. Marshall and Hales.

A study of fractions, exponents and radicals, quadratic equations, logarithms, elementary series, determinants, etc.

12. Plane Trigonometry.—Autumn. Daily. 8:30, and 2:30. Five hours credit. Eyring and Marshall.

13. Graphical and Statistical Methods.—Spring. 9:30. Daily. Five hours credit. (Not given this year.)

The graphical representation of data, method of averages, measurement of variability, correlation, probable errors, etc.

35. Mathematical Theory of Investments.—Spring. M. W. F., 10:30. Three hours credit. Marshall.

Application of Algebra to general business problems, such as annuities, amortization, capitalization, depreciation, sinking fund, bond values and building and loan associations.

49. Analytic Geometry.—Spring. Daily. 8:30. Five hours credit. Eyring.

A study of rectangular co-ordinates, straight line, circle, parabola, ellipse, hyperbola, transfer of co-ordinates, etc. Prerequisites, Mathematics 11 and 12.

Upper Division Courses

50. Differential Calculus.—Autumn. M. T. W. Th., 8:30. Four hours credit. Marshall.

An introductory course with numerous applications of the principles to tracing of curves, and the solution of problems from geometry and mechanics. Prerequisite, Mathematics 49.

51. Integral Calculus.—Winter. M. T. W. Th., 8:30. Four hours credit. Marshall.

The purpose and nature of integration is developed. Principles applied to problems in geometry, mechanics and physics.

52. Advanced Calculus.—Spring. M. T. W. Th., 8:30. Four hours credit. Marshall.

Development of the definite integral as a sum, together with development of the more theoretical aspects of the differential calculus. Use of partial derivatives, multiple integrals, development in series, Green's Theorem, etc.

61. Definite Integrals.—Autumn. 8:30. Four hours credit. (Not given this year.)

The study in detail of the definite integral as a sum, differentiation of definite integrals, etc.

71. Differential Equations.—Autumn. M. W. F., 1:30. Three hours credit. Marshall.

The study of differential equations of the first order, linear differential equations, total and partial differential equations with numerous applications to physics. Junior or senior year. Prerequisite, Mathematics 52.

72. Differential Equations.—Winter. M. W. F., 1:30. Three hours credit. Marshall. Continuation of 71.

86. Analytical Mechanics.—Autumn. M, W, F., 9:30. Three hours credit. Eyring. (Not given this year.)

The general principles of mechanics; the statics and dynamics of particles, rigid bodies and fluids.

Graduate Courses

101. Vector Analysis.—Winter. M. W. F. Three hours credit. Marshall. (Not given this year.)

Fundamental operations of vector analysis.

102. Vector Analysis.—Spring. M. W. F. Three hours credit. Marshall. (Not given this year.)

Application of vector analysis to mechanics, electromagnetic theory, and other branches of mathematical physics.

105. Advanced Calculus.—Autumn. Five hours credit. Marshall.

A review of the fundamental theory of the calculus presented with a view to precision of statement and accuracy of proof. Study of Taylor's Series, partial differentiation, complex numbers, vectors, etc. Prerequisite, Mathematics 72.

106. Advanced Calculus.—Winter. Five hours credit. Marshall.

Theory of differential equations, study of simple integrals, multiple integrals, and infinite integrals.

107. Advanced Calculus.—Spring. Five hours credit. Marshall.

Study of some classes of functions defined by integrals; introduction to calculus of variations, and theory of functions.

Courses 105, 106, and 107 will follow an outline somewhat as given in Wilson's "Advanced Calculus".

171. Differential Equations.—Autumn. M. W. F., 1:30. Three hours credit. Marshall.

172. Differential Equations.—Winter. M. W. F., 1:30. Three hours credit. Marshall.

187. Advanced Mechanics.—Five hours credit. (Not given this year.)

MECHANIC ARTS

Assistant Professor Snell; Professors Hansen, Eastmond, Larsen; Mr. Bigelow, Mr. Coffman.

For mechanic arts teachers, it is advised that both major and minor be taken in this department.

MECHANICS

Lower Division Courses

1. Art Metal Work.—Winter. M. W. F.. Two hours credit. Eastmond and Larsen. (See Art 35.)

2. Art Leather Work.—Spring. M. W. F. Two hours credit. Eastmond and Larsen. (See Art 36.)

4. Shop Practice.—Autumn. Daily 1:30-3:30. Three hours credit. Snell.

The making of projects suitable for junior and

senior high school instruction in sheet metal, cold iron, and electrical lighting circuits, buzzers, bells, heating elements, etc.

5. Ornamental Iron Work.—Autumn. T. Th., 1:30-3:30 or 3:30 -5:30. Two hours credit. Snell.

Craftsmanship in wrought iron work. Designing, cutting, sawing, bending, drilling, tapping, threading, finishing, etc. Lectures and outside preparation.

7. Tool Technique.—Autumn, Winter, Spring. M. W. F., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Required of all prospective teachers. Sharpening, care and use of woodworking hand tools, applied in fundamental principles of sawing, joining, fitting, fastening, etc.

11. Elementary Auto Mechanics.—Autumn. Daily, 3:30-5:30. Three hours credit. Bigelow.

Construction of the automobile and an elementary study of the principles involved. Lubrication, assembling and repairing of brakes, rear axels, transmission systems and engines. Drafting recommended as parallel course. Lectures and demonstrations twice a week.

12. Elementary Auto Mechanics.—Winter. Daily, 3:30-5:30. Three hours credit. Bigelow.

Construction and adjustment of carburetors and ignition systems.

13. Elementary Auto Mechanics.—Spring. Daily, 3:30-5:30. Three hours credit. Bigelow.

Ignition, timing, "trouble shooting", battery work and starting and lighting systems.

17. Wood Turning.—Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Three hours credit. Snell.

Exercises and projects in wood turning executed through individual designs.

18. **Pattern Making.**—Autumn, Winter, Spring, M. T. W. Th., 1:30-3:30 or 3:30-5:30. Three hours credit. Snell.

The principles of pattern making are taught through the making of simple patterns for machine parts.

19. **Wood and Metal Finishing.**—Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Two hours credit. Snell.

Preparation of surfaces for the application of finishes. Staining, painting, varnishing, lacquering, polishing, etc. Use of the brush and air gun.

21. **Upholstering and Seat Weaving.**—Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Three hours credit. Snell.

Typical forms of upholstery, including foundations with and without springs. Seat and panel weaving with cane and fiber.

23. **Cement.**—Spring. M. T. W. Th., 3:30-5:30. Three hours credit. Snell.

Cement, mixes, tests, forming, finishing, etc., in structural and ornamental projects.

27. **Cabinet Construction.**—Autumn. M. T. W. Th., 1:30-3:30. Snell.

This course is designed to teach the principles of cabinet construction. After the problem is chosen, drawings are submitted and the article is made to conform to these. Training is given in the use of modern wood-working machinery. Woods commonly used in cabinet work are studied as to their adaptability and finishing qualities; veneering, inlaying and polishing. Credit given on the basis of three hours credit for nine hours application each week. Prerequisite, Drawing 13.

28. **Cabinet Construction.**—Winter. M. T. W. Th. Snell.

Continuation of 27.

29. Cabinet Construction.—Spring. M. W. F., 1:30-3:30. Snell.

Continuation of 28.

Upper Division Courses

51. Ignition.—Autumn. Bigelow. Credit given on the basis of three hours credit for ten hours application each week.

Battery, vibrator, and magneto ignition. Study and practice of the principles involved in testing for troubles and making adjustments.

52. Generators and Starting Motors.—Winter. Bigelow. Hours and credit as in 51.

The working principles of the dynamo, and testing for shorts and open circuits. Reverse current cutouts, types of generator regulation as third brush control systems. Testing and adjustments of the generator output.

53. Machine Work and Welding.—Spring. Bigelow. Hours and credit the same as in 51.

Drill-press, lathe, and planer work. Principles of cutting tools, forging and tool sharpening. The use of the torch in cutting and welding.

57. Standard Construction Methods.—Autumn. M. W. F., 8:30. Three hours credit. Snell.

This course deals with the theoretical side of building. Location, soil conditions, footings, materials, equipment, etc.

58. Carpentry.—Either quarter. M. T. W. Th., 3:30-5:30. Three hours credit. Snell.

Thorough drill in saw filing. Tool practice applied in practical problems. Fitting and hanging doors and windows, building in cabinets, stair construction and framing, Prerequisite, course 7; and Drawing 13.

59. **Estimating.**—Spring. M. W. F., 8:30. Three hours credit. Snell.

Interpretation of plans and specifications. Methods of estimating and figuring cost of material and labor for excavations, foundations, cement work, heating, plumbing, painting, etc. Permits, contracts, liens. Prerequisite, Drawing 13.

64. **Mill Work—Woodworking Machinery.**—Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Credit will be given on the quality and quantity of work accomplished on the basis of nine hours application each week for three hours credit. Snell.

Work will be handled as nearly as possible as in actual practice. Estimates and working drawings will be made and a careful check of material and labor kept and computed for each job.

65, 66, 67. **Shop Work.**—Autumn, Winter, Spring. M. T. W. Th., 1:30-3:30 or 3:30-5:30. Credit given on the basis of three hours for nine hours application each week during the quarter. Snell.

Under the supervision of the instructor, students may do advanced work, consisting of the erection of buildings, cabinet work, upholstery, pattern work, or novelty work. Complete plans and specifications must be submitted and accepted before work is begun. Prerequisite, courses 57, 58, 59, or their equivalents.

DRAWING

While courses are listed according to quarters, any course may be taken any quarter, provided prerequisites have been met.

Lower Division Courses

1. **Theory and Practice of Design.**—Autumn. M.

W. F., 1:30. Two hours credit. Eastmond and Larsen. (See Art 21.)

2. Elements of Drawing.—Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

This course is designed to give some facility in lettering, drawing of simple working drawings, charts, graphs, making sketches and reading drawings. (See Accounting and Business Administration 10.)

3. Free-Hand Lettering.—Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practice in lettering as applied in architectural and engineering office work.

4. Engineering Drawing.—Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two or three hours credit. Snell.

The care and use of instruments, lettering, applied geometry, and orthographic projection.

5. Engineering Drawing.—Autumn, Winter, Spring. Daily, 9:30 or 10:30. Two or three hours credit. Snell.

Pictorial representation, developed surfaces, intersections, and working drawings. Prerequisite, Drawing 4 or equivalent.

6. Descriptive Geometry.—Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two or three hours credit. Snell.

This course includes a study of the principles relating to the point, line plane, cylinder, cone and double-curved surfaces of revolution, with application to practical problems. Prerequisites, Drawing 4 and 5.

8. Elementary Machine Design.—Autumn. Daily 9:30 or 10:30. Two hours credit. Snell.

Drawing of machine fastenings, such as bolts, screws, rivets, keys, etc. Dimensionings, working drawings and technical sketching. Detail and blueprints. Prerequisite, Drawing 4, 5, and 6.

9. **Elementary Machine Design.**—Winter. Daily, 9:30 or 10:30. Two hours credit.
Continuation of 8.

10. **Shades and Shadows.**—Autumn, Winter or Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.
Planned to give fundamental knowledge necessary for casting shadows in architectural design.

11. **Instrumental Perspective.**—Autumn, Winter, or Spring. Daily 9:30 or 10:30. Two hours credit. Snell.
The theory and application of methods of drawing architectural perspectives. Prerequisites, Drawing 4, 5, and 6, or equivalent.

12. **Rendering.**—Autumn, Winter, or Spring. Daily 9:30 or 10:30. Two hours credit. Snell.
Wash rendering practice plates and rendering of architectural elements.

13. **Architectural Drawing.**—Autumn, Winter, Spring. Daily 9:30 or 10:30. Two hours credit. Snell.
Drawing of plans, elevations, and details of different types of buildings. Tracing and blue-printing. Prerequisite, Drawing 4, 5, and 6, or equivalent.

14. **Architectural Drawing.**—Winter. Daily, 9:30 or 10:30. Two hours credit.
Continuation of 13.

15. **Architectural Drawing.**—Spring. Daily 9:30 or 10:30. Two hours credit.
Continuation of 14.

16, 17, 18. **Architectural Design.**—Autumn, Winter, Spring. Daily, 9:30 or 10:30—extra laboratory period arranged any afternoon. Two or three hours credit each quarter. Snell.
A series of order problems involving the study of the principles of composition. Problems similar to Class B Analytiques of the Beaux-Arts Institute of

Design will be followed. Prerequisites, Drawing 6, 10, 11, 12.

19. Topographical Drawing.—Autumn, Spring. Daily, 9:30 or 10:30. Two hours credit. Snell.

Practical elementary work in topographical drawing. Mapping and plotting from field notes. Prerequisite, Drawing 4, 5, and 6.

Upper Division Courses

51, 52, 53. Architectural Design.—Autumn, Winter, Spring. Daily, 9:30-10:30—extra laboratory periods arranged any afternoon. Three hours credit each quarter. Snell.

Designing, rendering, detailing, tracing, and blueprinting. A complete set of plans with one display drawing each quarter. Prerequisites Drawing 16, 17 18.

ENGINEERING

Drawing 4, 5, 6, 7, and Mechanics 7, 18, 51, 52, 53, 57, 59 are required of all pre-engineering students.

Lower Division Courses

1. Elementary Surveying.—Autumn, Spring. M. W. F., 3:30. Two hours credit. ————.

Methods of using the compass, tape, level and transit in making plain surveys are explained by lectures and field exercises. Drawings necessary to interpret and plot surveying field notes are made. Prerequisite, Trigonometry and Drawing 4, 5, 6, 7.

Upper Division Courses

63. Irrigation and Drainage.—Autumn. M. W. F., 1:30. Three hours credit. Coffman. (See Geology 63.)

91. Economic Geology.— Non-Metals.—Winter. M. W. F., 10:30. Three hours credit. Hansen. (See Geology 91.)

92. Economic Geology—Metals.—Winter. M. W. F., 10:30. Three hours credit. Hansen. (See Geology 92.)

94. Plane Table Surveying.—Spring. M. W. F., 3:30. Two hours credit. Hansen and Snell. (See Geology 94 and Drawing 19.)

MODERN AND CLASSICAL LANGUAGES

Professors Cummings and De Jong; Mrs. Roberts, Miss Black and Mr. Whetten.

Students who major in Modern Languages are required to furnish 30 hours of credit in the language chosen, and are advised to furnish twenty more hours, partly in the same language and partly in a collateral language.

GERMAN

Lower Division Courses

1. Elementary German.—Autumn. Daily, 9:30. Five hours credit. De Jong.

Designed for those who have had no German. Pronunciation, easy reading, and the fundamentals of grammar.

2. Elementary German.—Winter. Daily, 9:30. Five hours credit. De Jong.

Prerequisite, German 1, or one year of German in high school. Reading, vocabulary building, and grammar drill.

3. Intermediate German.—Spring. Daily, 9:30. Five hours credit. De Jong.

Prerequisite, German 2. Readings, conversation and grammar drill.

Upper Division Courses

54. Advanced German.—Autumn. M. W. F., 8:30. Three hours credit. De Jong.

Prerequisite, German 3 or two years of German in high school or fifteen hours credit in German. Comprehensive study of grammar. Conversation and composition based on reading.

55. Advanced German.—Winter. M. W. F., 8:30. Three hours credit. De Jong.

Prerequisite, German 54. Reading, conversation, and composition.

56. Advanced German Reading.—Spring. M. W. F., 8:30. Three hours credit. De Jong.

Prerequisite, German 55. Reading from the general field, including drama, fiction, magazine articles, newspapers, etc.

61, 62, 63. German Composition and Conversation.—Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit each quarter. De Jong. (Not given this year.)

Prerequisite, twenty-four hours of German and the consent of the instructor.

65. Methods of Teaching Modern Languages.—Autumn. T. Th., 3:30. Two hours credit. Cummings.

71. Contemporary German Civilization.—Autumn. T., Th., 8:30. Two hours credit. De Jong. (Not given this year.)

Open to all students. The life, customs, sciences, art, etc., of present-day Germany. Lectures given in English. Outside reading may be done in English or German.

72. Survey of German Literature.—Spring. T.

Th., 8:30. Two hours credit. De Jong. (Not given this year.)

Prerequisite, twenty-four hours of German. A general survey of German literature from the beginning to 1715. Illustrative readings.

73. Survey of German Literature.—Spring. T. Th., 8:30. Two hours credit. De Jong. (Not given this year.)

Prerequisite, twenty-four hours of German. A general survey of German literature of eighteenth and nineteenth centuries. Illustrative readings.

81. Modern German Fiction.—Autumn. T. Th., 9:30. Two hours credit. De Jong.

Prerequisite, twenty-four hours of German and the consent of the instructor.

82. Modern German Plays.—Winter. T. Th., 9:30. Two hours credit.

Prerequisite, fifteen hours of German and the consent of the instructor.

83. Modern German Classics.—Spring. T. Th., 9:30. Two hours credit. De Jong.

Prerequisite, fifteen hours of German and the consent of the instructor.

Graduate Courses

At least 30 hours of undergraduate German is prerequisite to any graduate course.

121, 122, 123. German Novel from 1800 to the Present.—Two hours credit each quarter. De Jong. (Not given this year.)

131, 132, 133, German Drama from 1800 to the Present.—Two hours credit each quarter. De Jong. (Not given this year.

141. Lessing.—Autumn. Two hours credit. De Jong. (Not given this year.)

142. Schiller.—Winter. Two hours credit. De Jong. (Not given this year.)

143. Goethe.—Spring. Two hours credit.. De Jong. (Not given this year.)

161, 162, 163. Advanced German Composition and Conversation.—Autumn, Winter and Spring. Time to be arranged. Two hours credit each quarter. De Jong.

165. Methods of Teaching Modern Languages.—Autumn. T. Th., 3:30. Two hours credit. Cummings.

173, 174, 175. German Literature of the Eighteenth, Nineteenth and Twentieth Centuries Respectively.—M. W. T., Time to be arranged. Three hours credit each quarter. De Jong.

200. Research for Master's Thesis.

FRENCH

Lower Division Courses

1. Elementary French.—Autumn. Daily, 2:30. Five hours credit. Sec. 1, Cummings; Sec. 2, Roberts. Winter. Daily, 10:30. Roberts.

Designed for those who have had no French. Pronunciation, easy reading, and the fundamentals of grammar.

2. Elementary French.—Winter. Daily, 2:30. Five hours credit. Sec. 1, Cummings; Sec. 2, Roberts. Spring. Daily, 10:30. Roberts.

Prerequisite, French 1, or one year of French in high school. Reading, vocabulary building, and grammar drill.

3. Intermediate French.—Spring. Daily, 2:30.

Five hours credit. Sec. 1, Cummings; Sec. 2, Roberts.

Prerequisite, French 2. Reading, conversation, and grammar drill.

Upper Division Courses

54. Advanced French.—Autumn. M. W. F., 1:30. Three hours credit. Roberts.

Prerequisite, French 3 or two years of French in high school or fifteen hours credit in French. Grammar, conversation and composition based on reading. Majors and those desiring courses numbered above 60 should elect 58, 59, 60 instead of 54, 55, 56.

55. Advanced French.—Winter. M. W. F., 1:30. Three hours credit. Roberts.

Prerequisite, French 54. Reading, conversation and composition.

56. Advanced French Reading.—Spring. M. W. F., 1:30. Three hours credit. Roberts.

Prerequisite, French 55. Reading from the general field, including drama, fiction, magazine articles, newspapers, etc.

58, 59, 60. Advanced French.—Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. Cummings.

Prerequisite, fifteen hours or two units of high school French, together with the consent of the instructor. Designed for majors and students who have the desire and the ability to make more than ordinary progress in the language. Grammar is thoroughly reviewed and drilled by means of composition exercises. There is considerable training in the understanding of spoken French. Courses 58, 59, and 60 lay a solid foundation for courses numbered above 60.

61, 62, 63. French Composition and Conversation.—Autumn, Winter, Spring. T. Th., 3:30. Two hours

credit each quarter. Cummings. (Not given this year.)
Prerequisite, twenty hours of French.

65. Methods of Teaching Modern Languages.—Autumn. T. Th., 3:30. Two hours credit. Cummings.

71. Contemporary French Civilization.—Winter. T. Th., 3:30. Two hours credit. Cummings.. (Not given this year.)
Open to all students. The life, customs, sciences, art, etc., of present-day France. Lectures given in English. Outside reading may be done in English or French.

72. Survey of French Literature.—Winter. T., Th., 3:30. Two hours credit. Cummings. (Not given this year.)
Prerequisite, twenty four hours of French. A general survey of French literature from the beginning to 1715. Illustrative readings.

73. Survey of French Literature.—Spring. T. Th., 3:30. Two hours credit. Cummings. (Not given this year.)
Prerequisite, twenty-four hours of French. A general survey of French literature of the eighteenth and nineteenth centuries. Illustrative readings.

81. Modern French Fiction.—Autumn. T. Th., 1:30. Two hours credit. Roberts.
Prerequisite, twenty hours of French and the consent of the instructor.

82. Modern French Plays.—Spring. T. Th., 3:30. Three hours credit. Cummings. (Not given this year.)
Prerequisite, twenty hours of French and the consent of the instructor.

83. Modern French Classics.—Spring. T. Th., 3:30. Two hours credit. Cummings.

Prerequisite, twenty-four hours of French and the consent of the instructor.

Graduate Courses

At least 30 hours of undergraduate French are prerequisite to any graduate course.

121, 122, 123. French Novel from 1800 to the Present.—Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings.

131, 132, 133. French Drama from 1800 to the Present.—Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings.

141. Corneille.—Autumn. Time to be arranged. Two hours credit. Cummings.

142. Racine.—Winter. Time to be arranged. Two hours credit. Cummings.

143. Moliere.—Spring. Time to be arranged. Two hours credit. Cummings.

161, 162, 163. Advanced French Composition and Conversation.—Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings. (Not given this year.)

165. Methods of Teaching Modern Languages.—Autumn. T. Th., 3:30. Two hours credit. Cummings.

172, 173, 174. French Literature of the Seventeenth, Eighteenth, and Nineteenth Centuries Respectively.—Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings. (Not given this year.)

200. Research for Master's Thesis.

SPANISH

Lower Division Courses

1. Elementary Spanish.—Autumn. Daily, 8:30. Five hours credit. Whetten.

Designed for those who have had no Spanish. Pronunciation, easy reading, and the fundamentals of grammar.

2. Elementary Spanish.—Winter. Daily, 8:30. Five hours credit. Whetten.

Prerequisite, Spanish 1, or one year of Spanish in high school. Reading, vocabulary building, and grammar drill.

3. Intermediate Spanish.—Spring. Daily, 8:30. Five hours credit. Whetten.

Prerequisite, Spanish 2. Conversation based on reading. Grammar drill.

Upper Division Courses

54. Advanced Spanish.—Autumn. M. W. F., 3:30. Three hours credit. Cummings.

Prerequisite, Spanish 3 or two years of Spanish in high school or fifteen hours credit in Spanish. Comprehensive study of grammar. Pronunciation drill. Conversation and composition based on reading.

55. Advanced Spanish.—Winter. M. W. F., 3:30 Three hours credit. Cummings.

Prerequisite, Spanish 54. Reading, conversation, and composition.

56. Advanced Spanish Reading.—Spring. M. W. F., 3:30. Three hours credit. Cummings.

Prerequisite, Spanish 55. Reading from the general field, including drama, fiction, magazine articles, newspapers, etc.

61, 62, 63. Spanish Composition and Conversation.—Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit each quarter. (Not given this year.)

Prerequisite, fifteen hours of Spanish and the consent of the instructor.

65. Methods of teaching Modern Languages.—Autumn. T. Th., 3:30. Two hours credit. Cummings.

81. Modern Spanish Fiction.—Winter. T. Th., 2:30. Two hours credit. De Jong.

Prerequisite, fifteen hours of Spanish and the consent of the instructor.

82. Modern Spanish Plays.—Spring. M. W. F., 2:30. Two hours credit. De Jong.

Prerequisite, fifteen hours of Spanish and the consent of the instructor.

83. Modern Spanish Classics.—Spring. T. Th., 2:30. Two hours credit. De Jong.

Prerequisite, fifteen hours of credit and the consent of the instructor.

Graduate Courses

At least thirty hours of undergraduate Spanish is prerequisite to any graduate course.

121, 122, 123. Spanish Novel.—Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings.

131, 132, 133. Spanish Drama.—Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings.

161, 162, 163. Advanced Spanish Composition and Conversation.—Autumn, Winter, Spring. Time to be arranged. Two hours credit each quarter. Cummings.

165. Methods of Teaching Modern Languages.—Autumn. T. Th., 3:30. Two hours credit. Cummings.

172, 173, 174. Spanish Literature of the Seventeenth, Eighteenth, and Nineteenth Centuries, Respectively.—Autumn, Winter, Spring. Time to be arranged. Three hours credit each quarter. Cummings.

200. Research for Master's Thesis.

LATIN

Lower Division Courses

1. Elementary Latin.—Autumn. Daily, 9:30. Five hours credit. Black.

Mastery of declensions and conjugations. Correlation of Latin originals with English derivatives.

2. Elementary Latin.—Winter. Daily, 9:30. Five hours credit. Black.

Easy reading and grammar.

3. Intermediate Latin.—Spring. Daily, 9:30. Five hours credit. Black.

Reading and grammar.

Upper Division Courses

54. Advanced Latin.—Autumn. 9:30. Three hours credit. Black. (Not given this year.)

Prerequisite, Latin 3 or two years of Latin in high school. Comprehensive study of grammar. Reading and composition.

55. Advanced Latin.—Winter. 9:30. Three hours credit. Black. (Not given this year.)

Prerequisite, Latin 54. Reading from the classics. Composition.

56. Advanced Latin.—Spring. 9:30. Three hours credit. Black. (Not given this year.)

Prerequisite, Latin 55. Reading from the classics.

PHONETICS

Lower Division Course

42. Practical Phonetics.—Winter. T. Th., 1:30. Two hours credit. De Jong.

The elementary principles of speech mechanism in their relation to correct diction. This course correlates with courses in Speech and Vocal Music.

MUSIC

Professors Jepperson-Madsen, Robertson, Madsen; Associate Professor Sauer; Assistant Professor Hanson; Miss Summerhays, Mr. Nelson, Mr. Fitzroy, Mrs. Packard, Mr. Buggert, Mr. Shepherd.

Those who major in the Department of Music must complete the following courses: Theory of Music 11, 12, 13; 21, 22, 23; 31; 81; Piano 3 hours, Vocal Culture 3 hours, and Vocal or Instrumental Ensemble 6 hours. Those preparing to teach must also take Theory of Music 41 and 91. These requirements are subject to change where conditions warrant individual consideration.

Private courses are indicated by -p. In the instrumental division, the letter immediately following the number indicates the instrument; e. g., 7 p-p means course 7 private piano; 3 t-p means course 3 private trombone, etc.

THEORY OF MUSIC

Lower Division Courses

11, 12, 13. Solfeggio.—Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

Grammar of music in the Autumn is followed by the study of intervals, diction, and sight-singing in the Winter and Spring.

21, 22, 23. Harmony.—Autumn, Winter, Spring. M.W.F. Three hours credit each quarter. Madsen.

Intervals; primary and secondary triads; dominant seventh and ninth chords, diminished seventh chords; open harmony.

31, 32, 33. Philosophy and Appreciation of Music.—Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

The important philosophies of music and musicians; the philosophy of the elements of music, musical structure, musical compositions, musical values.

41, 42. Public School Methods.—Autumn, Spring. M. W. F., Three hours credit each quarter. Hanson.

Special technique of instruction and material for the grades; class demonstrations and supervised teaching.

Upper Division Courses

61, 62, 63. Solfeggio.—Autumn, Winter, Spring. T. Th. Two hours credit each quarter. Madsen.

Prerequisite, Theory of Music 11, 12, and 13. Training in advanced sight singing.

71, 72. Harmony.—Autumn, Winter. M. W. F. Three hours credit each quarter.

Prerequisite, Theory of Music 21, 22, 23. Modulation; secondary seventh and altered chords; non-harmonic tones; modern harmony.

73. Form and Analysis.—Spring. M. W. F. Three hours credit.

Prerequisite, Theory of Music 72, or the eqival-ent. Study of musical form, from the section to the sonata; harmonic analysis.

81, 82, 83. **History.**—Autumn, Winter, Spring. M. W. F. Three hours credit each quarter. Madsen.

Alien musical systems, ancient and modern. Origin of musical instruments. Medieval and modern music. Time to be arranged with students.

91. **High School Methods.**—Winter. T. Th., Two hours credit. Hanson.

Special technique of instruction and materials for the junior and senior high schools. This course should precede or accompany Secondary Education 54 for those who are preparing to teach music in the public schools. (See Secondary Education 64.)

95. **Instrumentation.**—Winter. T. Th. Two hours credit. Sauer.

A practical course for high school teachers and supervisors in arranging for band and orchestra.

Graduate Courses

121, 122, 123. **Counterpoint.**—Autumn, Winter, Spring. Three hours credit each quarter. Madsen.

Prerequisite, Theory of Music 71, 72, 73. Strict counterpoint in the various species.

124, 125, 126. **Cannon and Fugue.**—Autumn, Winter, Spring. Three hours credit each quarter. Madsen.

Prerequisite, Theory of Music 121, 122.

127, 128, 129. **Instrumentation.**—Autumn, Winter, Spring. Three hours credit each quarter.

Prerequisite, Theory of Music 23. Study of orchestra instruments; arranging in solo, duet, trio, and quartet form; arranging for string and symphony orchestra.

171, 172, 173. **Modal Counterpoint.**—Autumn, Winter, Spring. Three hours credit each quarter.

Prerequisite, Theory of Music 23. The contrapuntal system of Palestrina, Des Pres, and Lasso.

181, 182, 183. Composition.—Autumn, Winter, and Spring. Three hours credit each quarter. Madsen.
Prerequisite, Theory of Music 73, and at least one quarter of 121 or 171.

INSTRUMENTAL MUSIC

Lower Division Courses

1, 2, 3, 4, 5, 6. Band.—Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.
Admission by consent of director.

7, 8, 9; 10, 11, 12. Orchestra.—Autumn, Winter, Spring. Daily. One hour credit each quarter.
Admission by consent of director.

13, 14, 15; 16, 17, 18. String Ensemble.—Autumn. Winter, Spring. M. W. F. One hour credit each quarter.

19, 20, 21; 22, 23, 24. Band Ensemble.—Autumn, Winter, Spring. Three times each week. One hour credit each quarter. Sauer.

1, 2, 3p-p. Piano.—Autumn, Winter, Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy.
Study of the scales in different rhythms and touches; Czerny, Op. 299, Book IV; Mendelssohn's "Song Without Words", etc.

4, 5, 6p-p. Piano.—Autumn, Winter, and Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy.
Scales in double thirds, fourths, and sixths; "Cramer-Bulow Studies;" classical compositions.

7, 8, 9p-p. Piano Ensemble.—Autumn, Winter, Spring. One hour credit each quarter. Nelson.
The fundamentals of ensemble playing. Four, six, and eight hand arrangements.

10p-p. Piano Pedagogy.—Any quarter. One hour credit. Nelson, Hanson, and Fitzroy.

Methods and problems of piano teaching in the elementary grades.

1, 2, 3vp. Violin.—Autumn, Winter and Spring. One hour credit each quarter. Shepherd.

Hohman, book I and II; Sevcik Elementary studies; Sitt, Op. 32, book I; Wohfahrt. One hour credit

4, 5, 6v-p. Violin.—Autumn, Winter, Spring. One hour credit each quarter. Shepherd.

Hohman, book III and IV; Sitt Op. 36; Schradiek; Dont Op. 37; Solos in various positions.

1, 2, 3c-p. Cornet.—Autumn, Winter, Spring. One hour credit each quarter. Sauer.

Rudiments of music; mouth and lip positions; tone production; correct breathing and fingering.

4, 5, 6c-p. Cornet.—Autumn, Winter, Spring. One hour credit each quarter. Sauer.

Intervals, slurs, syncopation; the triplet; the double dot; marks of abbreviation and expression.

1, 2, 3b-p. Baritone.—Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13b-p. Bassoon.—Autumn, Winter, Spring. One hour credit each quarter. Sauer.

21, 22, 23b-p. Bass (Tuba).—Autumn, Winter, and Spring. One hour credit each quarter. Sauer.

11, 12, 13; 14, 15, 16c-p. Clarinet.—Autumn, Winter, Spring. One hour credit each quarter. Sauer, Madsen.

1. 2, 3d-p. Drums and Timpani.—Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3f-p. Flute.—Autumn, Winter, Spring. One hour credit each quarter. Nelson.

11, 12, 13f-p. French Horn.—Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3o-p. Oboe.—Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13o-p. Organ.—Autumn, Winter, Spring. One hour credit each quarter.

1, 2, 3, 4, 5, 6s-p. Saxaphone.—Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13s-p. String Bass.—Autumn, Winter, Spring. One hour credit each quarter. Sauer.

1, 2, 3, 4, 5, 6t-p. Trombone.—Autumn, Winter, Spring. One hour credit each quarter. Sauer.

11, 12, 13v-p. Viola.—Autumn, Winter, Spring. One hour credit each quarter.

21, 22, 23, 24, 25, 26v-p. Violoncello.—Autumn, Winter, Spring. One hour credit each quarter. Buggert.

Upper Division Courses

51, 52, 53, 54, 55, 56. Concert Band.—Autumn, Winter, Spring. Daily. One hour credit each quarter. Sauer.

Admission by consent of the director. Standard overtures, operatic selections, and miscellaneous military band music.

57, 58, 59, 60, 61, 62. Symphony Orchestra.—Autumn, Winter, Spring. Daily. One hour credit each quarter.

Admission by consent of director. Study of selections, overtures, symphonies, and accompaniments.

51, 52, 53p-p. Piano.—Autumn, Winter, Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy.

Czerny "School of Virtuoso," Bach, "Three Part Inventions," and Sonatas.

54, 55, 56p-p. Piano.—Autumn, Winter, Spring. One hour credit each quarter. Nelson, Hanson, Fitzroy.

Bach, "Well Tempered Clavichord;" Beethoven, Sonatas; a concerto and a public recital.

63, 64, 65; 66, 67, 68. String Ensemble.—Autumn. Winter, Spring. Three times each week. One hour credit each quarter.

69, 70, 71; 72, 73, 74. Band Ensemble.—Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Sauer.

51, 52, 53v-p. Viloin.—Autumn, Winter, Spring. One hour credit each quarter. Shepherd.

Fiorillo; Dancla, Op. 73; Kreutzer; de Beriot, "The Art of Bowing." Tartini; scales, apreggios, technique of the bow, double stops, Sevcik; advanced solos.

54, 55, 56v-p. Violin.—Autumn, Winter, Spring. One hour credit each quarter. Shepherd.

Fiorillo; Dancla, Op. 73; Dont, Op. 35; Rhode Beach; concerto; one public recital.

51, 52, 53c-p. Cornet.—Autumn, Winter, Spring. One hour credit each quarter. Sauer.

Technique; muscular control, artificial fingerings; sight reading; the turn, shake trill, grace note; and difficult exercises.

54, 55, 56c-p. Cornet.—Autumn, Winter, Spring. One hour credit each quarter. Sauer.

The art of phrasing and expression; velocity; trumpet calls; transposition; difficult exercises and the intrepretation of standard solos and cadenzas.

61, 62, 63; 64, 65, 66c-p. Clarinet.—Autumn, Winter, Spring. One hour credit each quarter. Sauer, Madsen.

61, 62, 63; 64, 65, 66o-p. Organ.—Autumn, Winter, Spring.

63p-p. Piano Pedagogy.—Spring. One hour credit. Nelson.

Prerequisite, 10p-p. Methds and problems of piano teaching in the higher grades.

51, 52, 53t-p. Trombone.—Autumn, Winter, Spring. One hour credit each quarter. Sauer.

71, 72, 73, 74, 75, 76v-p. Violoncello.—Autumn, Winter, Spring. One hour credit each quarter. Buggert.

VOCAL MUSIC

Lower Division Courses

1, 2, 3; 4, 5, 6-p. Vocal Culture.—Private or in groups. Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Packard.

13, 14, 15; 16, 17, 18. Ladies Glee Club.—Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.

Open to inexperienced singers. This course also provides participation in mixed chorus.

13, 14, 15; 16, 17, 18. Male Glee Club.—Autumn, Winter, Spring. One hour credit each quarter. Madsen.

Open to inexperienced singers. This course also provides participation in Mixed chorus.

19, 20, 21. Mixed Chorus.—Autumn, Winter, Spring. One hour credit each quarter. Madsen.

42. Phonetics.—Winter. Two hours credit.

(See Phonetics 42 in Department of Modern and Classical Languages.)

Upper Division Courses

51, 52, 53; 54, 55, 56-p. Vocal Culture.—Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen, Madsen, Summerhays, Packard.

63, 64, 65; 66, 67, 68. Ladies Glee Club.—Autumn, Winter, Spring. One hour credit each quarter. Jepperson-Madsen.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

63, 64, 65; 66, 67, 68. Male Glee Club.—Autumn, Winter, Spring. One hour credit each quarter. Madsen.

Admission by consent of director. Participation in Mixed Chorus work is also provided in this course.

OFFICE PRACTICE

Professor Holt; Mrs. Roberts, Mrs. Lloyd, Miss Thomas

Lower Division Courses

11, 12, 13. Shorthand.—Autumn, Winter, Spring. Daily, 8:30; 9:30. Four hours credit each quarter. Roberts and Thomas.

Principles of shorthand writing according to the Gregg system.

14, 15, 16. Advanced Shorthand.—Autumn, Winter, Spring. M. W. F., 10:30. Three hours credit each quarter. Roberts and Thomas.

Dictation work. Special attention will be given to reporting forms, and to the development of skillful writers. Advanced dictation, correlated with secretarial work.

21, 22, 23. Typewriting. Autumn, Winter, Spring. Six hours a week. Two hours credit each

quarter. See instructors for time. Lloyd and Thomas.

Touch typewriting, according to standard methods.

24. Typewriting. — Autumn, Winter, Spring. Daily. Two hours credit. (Elect one quarter only.) Lloyd and Thomas.

31. Business English.—Autumn, Winter, Spring. M. W. F., 9:30. Three hours credit. Holt, Roberts.

The substance and style of business English; clearness in sentences; correctness of diction; force in sentence structure, and diction. Business forms and usages.

PHYSICAL EDUCATION

Professor Romney, Dr. Cullimore, Dr. Oaks, Dr. Merrill, Assistant Professors Hart, Jeppson; Mr. Dixon, Mrs. Meiling, Miss Coleman

The purpose of the department is primarily to conserve the health and vitality of the students, to establish correct motor habits and to educate for wholesome and efficient living. To offset the undersirable effects of sedentary school life, vigorous exercise in the form of games, gymnastics and competitive athletics are offered. Instruction is given in personal hygiene in connection with the exercise period so that the students may have a theoretical basis as a guide to correct living.

A thorough physical and medical examination will be given each new student upon entering the institution. All freshmen are required to take one credit hour of physical education of the physical activity variety in each of the three quarters. All students are urged to take one credit hour per quarter of physical education of the physical activity variety throughout the four years, and during some quarter to take Physical Education 20. One credit hour of physical education will be allowed each student who is not majoring in physical

education in each quarter with a total maximum of twelve hours of credit.

Upper classmen who are not taking physical education for credit are urged to engage in some form of physical exercise. Abundant opportunity is offered for participation in games, sports, hikes, gymnastics, athletics, and dancing.

The third term requirement for all those preparing to teach in the elementary grades may be selected from any of the following courses: Physical Education 11, 12, 13, 26, 27, 28, 31, 32, and 33.

All students whether enrolled in regular classes in physical education or on regular athletic squads are invited and urged to use the physical training and athletic facilities of the institution whenever they are available.

Students interested in intercollegiate athletic competition in any form will be given opportunity to try out for the athletic teams representing the University and in case they display sufficient ability to be chosen as members of these teams, they may substitute this work for the required courses in physical education.

The department also offers professional courses which are designed to prepare teachers in physical education, directors of athletics, supervisors of dancing and leaders in play and other forms of social and recreational activities.

Lower Division Courses

11, 12, 13. Elementary Physical Education.— Autumn, Winter, Spring. M. W. F. One hour credit each quarter. Women's sections at 9:30, 10:30, 2:30. Men's sections 10:30, 3:30 and 4:30. Dixon, Jeppson and Meiling.

This course is designed for Freshman students. It will include games, athletics, gymnastics, dancing, personal hygiene talks, health interviews, hikes, recreational activities, etc.

14, 15, 16. Advanced Physical Education.—Autumn, Winter, Spring. T. Th. One hour credit each term. For men and women. Men's section—Hart; Women's section—Jeppson. Required of students majoring in Physical Education. Prerequisite, three hours credit in freshman Physical Education.

This course will embrace instruction in more advanced types of physical educational activities including gymnastics, apparatus exercises, tumbling, pyramids and stunts.

17. Boxing.—Autumn, Winter, Spring. M. W. F., One hour credit.

This course will consist of the theory and practice of boxing.

18. Wrestling.—Winter. M. W. F. One hour credit.

This course will consist of the theory and practice of wrestling.

19. Tennis.—Spring. M. W. F. One hour credit. Dixon.

This course will consist of the theory and practice of tennis. Open to men.

20. Health Education.—Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit. Cullimore, Oaks, Merrill.

Suggested for all freshmen students. Open to others. (See Zoology 20.)

21, 22, 23. Physical Education for Grade Teachers.—Autumn, Winter, Spring. T. Th., 3:30. One hour credit each quarter. Jeppson. Required of all those preparing to teach in the elementary grades.

This course is designed to prepare students taking normal training courses for the teaching of Danish and natural gymnastics, games folk dancing, and rhythmical expressions in the grade schools. Some emphasis will be placed on motor ability tests applied.

24. **Fencing.**—Autumn, Winter, Spring. Three periods each week. One hour credit. Open to both men and women.

26, 27, 28. **Clog, National, and Folk Dancing.**—Autumn, Winter, Spring. T. Th., 9:30. One hour credit each quarter.. Suggested for women majoring or minoring in Physical Education. Jeppson.

This course will offer instruction in elementary clog, various types of folk and national dancing.

31, 32, 33. **Elementary Natural Dancing.**—Autumn, Winter, Spring. T. Th., 2:30. One hour credit each term. Coleman. Suggested for women majoring or minoring in physical education.

This course will offer instruction in the fundamentals of grace and rhythm.

Upper Division Courses

51. **Athletic Coaching and Directing—Football.**—Autumn. Four periods each week. 2:30. Three hours credit. Romney. Required of men majoring or minoring in Physical Education.

This course is designed to prepare students for the coaching of football. It will deal with the fundamentals of the game, methods of working out plays, systems of offense and defense, the conditioning of teams, etc.

52. **Athletic Coaching and Directing—Basketball.**—Winter. Four periods each week. 2:30. Three hours credit. Romney and Dixon. Required of men majoring or minoring in Physical Education.

This course is designed to prepare for the coaching of basketball. Students will be thoroughly instructed in fundamentals, offensive and defensive systems, schedule making, and other details which contribute to the coaching successfully of basketball.

53. Athletic Coaching and Directing—Track and Field.—Spring. Four periods a week. 2:30. Three hours credit. Romney and Hart. Required of men majoring or minoring in Physical Education.

This course will deal with the technique of training for the various events in track and field athletics. Methods of conducting field meets and tournaments will be taught and the students given experience in assisting and coaching.

54. Sports for Women.—Autumn. M. W. F., 4:30. Two hours credit. Meiling. Required of Women majoring or minoring in Physical Education.

A coaching course in the major and minor sports including field hockey, soccer, and archery.

55. Sports for Women.—Winter. M. W. F., 4:30. Two hours credit. Meiling. Required of women majoring or minoring in Physical Education.

A continuation of course 54. Coaching in volley ball, basketball, and speedball.

56. Sports for Women.—Spring. M. W. F., 4:30. Two hours credit. Jeppson, Meiling. Required of women majoring or minoring in Physical Education.

A continuation of course 55. Coaching and officiating in track, archery, baseball, and tennis.

59. Health Education for Teachers.—Autumn, Winter, Spring. T. Th., 1:30. Three hours credit. Cullimore, Oaks, Merrill.

Designed especially for those who are preparing to teach in the public schools. (See Zoology 58.)

61, 62. Advanced Natural Dancing.—Autumn, Winter. T. Th., 8:30. One hour credit each term. Coleman. Required of women majoring or minoring in Physical Education.

This course will offer instruction in dance technique and various natural dance forms, music impressions, and some creative work.

63. **Material Summary.**—Spring. T. Th., 8:30. Two hours credit. Jeppson, Coleman. Suggested for students majoring in Physical Education. A continuation of Physical Education 62.

This course will include the fundamentals of movement, contribution of music to the dance, dance composition, themes, the problem of the public performance, and the larger aspects of the dance as an educational activity. Problems of staging, lighting, and costume designing will be discussed.

71. **Theory of Organized Play.**—Autumn. M. W. F., 8:30. Three hours credit. Jeppson and Hart. Required of students majoring in Physical Education.

The theory of organized play including community centers, special activities, home recreation; play in institutions, social recreation such as planning recreation programs; play facilities such as layout of athletic fields, construction of buildings, swimming and wading pools, equipping the grounds and centers. Also a discussion of the theories of individual and community life.

72. **Organization and Administration of Play and Recreation.**—Winter. M. W. F., 8:30. Three hours credit. Jeppson and Hart. Required of students majoring in Physical Education. A continuation of course 71.

A complete picture of the responsibilities of a superintendent of recreation and a discussion of the executive and administrative problems arising out of the conduct of a community-wide recreation program. Emphasis on park recreation problems, city government problems, problems of recreational finance, publicity problems, field and personnel problems, school recreation problems and surveys.

73. **Play and Game Supervision.**—Spring. M. W. F., 8:30. Three hours credit. Jeppson and Hart.

A continuation of course 72. Required of students majoring or minoring in Physical Education.

74, 75, 76. Recreational Leadership.—For description of course see Religious Education 74, 75, 76.

77, 78, 79. Scoutcraft.—For description of courses see Religious Education 77, 78, 79.

81, 82. Tap Dancing.—Autumn, Winter. T. Th., 10:30. One hour credit each term. Jeppson. Required of women majoring in Physical Education.

This course will include a study of the various phases of tapping. Fundamental steps, routines in order of difficulty—buck, jig, waltz, soft shoe, etc.

83. Material Summary.—In Tap, National, and Folk Dancing.—Autumn. T. Th., 10:30. Two hours credit. Jeppson. Required of women majoring or minoring in Physical Education.

A continuation of Physical Education 81 and 82. This course will include the fundamentals of movement, dance composition, themes, and moods. The problem of the public performance, methods of teaching, etc.

91. General Kinesiology.—Autumn. M. W. F., 1:30. Three hours credit. Hart. Required of students majoring or minoring in Physical Education. Prerequisites: Physical Education 14, 15, 16; Zoology 11, 20 and 65; Psychology 11.

This course will take up the anatomy of the human body with emphasis upon the study of bones, joints, and the skeletal muscles. Careful examination of gymnastics and athletic exercises will be made with reference to their effect upon the function and structure of the body. A study of the physiology of exercise will also be made.

92. Methods of Teaching Physical Education.—Winter. T. Th., 1:30. Two hours credit. Hart.

Required of students majoring or minoring in Physical Education. Prerequisite, Physical Education 91. (See Secondary Teaching 66.)

This course will deal with a study of the various systems of physical education, methods of gymnastic teaching, content of exercise periods, arrangement of exercises, methods of commanding and directing, etc. This course will he helpful to all teachers in elementary and high school.

93 or 193. Physical Education Administration.—Spring. Three periods each week. 1:30. Three hours credit. Hart. Required of students majoring in Physical Education. Open to all graduates.

This course will deal with the organization and administration of departments of physical education and athletics in high school and college and the proper balancing of various activities associated with these departments. This course is designed for Physical Directors, School Principals, Recreational Directors, etc.

94 or 194. Introduction to Achievement Tests in Physical Education.—Autumn. Three periods each week. Three hours credit. Hart. Suggested for students majoring or minoring in Physical Education.

This course reviews the history of the development of physical tests and gives a brief review of the outstanding tests in physical education. The essential procedures to be used in evaluating tests and their results, including statistical analysis, are discussed.

95 or 195. First Aid.—Winter. Three periods each week. Two hours credit. Hart. Suggested for students majoring or minoring in Physical Education. Prerequisite, Physical Education 91.

This course will deal with physical examinations, with methods of administering first aid and with the essentials in conditioning athletes.

96 or 196. Adaption of Activities in Corrective Procedures.—Spring. Three periods each week. Three hours credit. Open to both men and women. Hart.

Prerequisites, Zoology 65 and Physical Education 91.

PHYSICS

Professors Eyring, Marshall; Associate Professor Hales; Mr. Peterson.

Students who expect to study medicine, engineering, chemistry, or who are planning to major in the department of physics should begin their study of physics by electing courses 41, 42, and 43.

Non-science students may elect with profit courses 11, 16, 21, which may be taken without prerequisite and which are organized with the view of giving the student an appreciation of his physical environment.

Students majoring in physics have the following courses prescribed: Physics 41, 42, 43, 87, and some sequences such as Physics 58, 59, 60, 75, 76, 77, 88, 89, or Physics 65, 66, 67, 68, 69, 70, 86. Courses 88, 89, and 99 are especially recommended for students who plan to be high school teachers.

Lower Division Courses

11. A Survey Course in Physics.—Winter. M. T. W. Th., 10:30. Four hours credit. Eyring.

A careful study of selected topics in elementary physics in which the development of the principles and their application to human welfare will be stressed. This is an orientation course designed for the non-science student who wishes to obtain some information in this field.

16. Descriptive Astronomy.—Spring. M. T. W. Th., 10:30. Four hours credit. Hales.

This course deals with the physics of heavenly bodies. It is designed for those wishing a general knowledge of the facts, theories, and methods of astronomy. Frequent use will be made of the University Observatory on University Hill.

21. **Meteorology.**—Autumn. M. T. W. Th., 10.30. Four hours credit. Hales.

This course deals with the physics of the earth's atmosphere. It includes a study of the causes which produce variations in the pressure, temperature, and humidity of the air and their influence upon weather and climate. This course should be particularly valuable to one interested in aeronautics, weather bureau work, or teaching.

41. **General Physics.—Mechanics and Sound.**—Autumn. Lecture, M. W. F., 1:30. Laboratory 1:30-3:30, T. and Th., Five hours credit. Hales.

This course and courses 42 and 43 constitute a general college course in physics. The completion of this general course will satisfy the requirements in physics for engineering and medical students, and it is a prerequisite for all the specialized courses in physics. Freshman or Sophomore year.

42. **Electricity.**—Winter. Lecture, M. W. F., 1:30. Laboratory, 1:30 to 3:30. T. and Th. Five hours credit. Hales.

Continuation of 41.

43. **Heat and Light.**—Spring. Lecture, M. W. F., 1:30. Laboratory, 1:30 to 3:30. Five hours credit.

Continuation of 42.

Upper Division Courses

58. **Kinetic Theory.**—Autumn. Three hours credit. Hales.

This course includes a historical development of the subject, kinetic interpretation of temperature and pressure Brownian movements; osmotic pressure, specific heats, etc.

59. **Thermodynamics.**—Winter. Three hours credit. Hales.

A study of the two laws of thermodynamics and their application to numerous physical and chemical phenomena.

60. Electron Theory.—Spring. Three hours credit. Hales.

A study of the properties and physical magnitude of the electron and the part it plays in thermo-electric, photo-electric, and Xray phenomena.

65, 66. Electricity and Magnetism.—Autumn, Winter. M. W., 3:30. Two hours credit each quarter. Marshall.

General principles of magnetism, and electro-magnetism. Static electricity, direct and alternating currents. J. J. Thompson's "Electricity and Magnetism" will be used for reference. Prerequisites, calculus and Physics 41, 42, 43.

67, 68. Experimental Physics, Electricity and Magnetism.—Autumn, Winter. Two hours credit each quarter. Marshall.

Use of potentimeters, adjustment and use of sensitive galvanometers, calibration of ammeters and voltmeters, accurate measurements of resistance, measurements of earth's magnetic field, etc. These courses should be taken in connection with courses 65 and 66. Prerequisites, Physics 41, 42, 43.

69. Radio Instruments and Measurements.—Spring. T. Th., 8:30. Two hours credit. Marshall.

A study of the properties of oscillatory circuits, and the thermionic vacuum tube as a detector, amplifier, and oscillation generator. Prerequisites, Physics 66 and 68.

70. Experimental Physics, Radio Instruments and Measurements.—Spring. Two hours credit. Marshall.

Laboratory work designed to accompany Physics 69. Two two-hour laboratory periods per week. Time to be arranged.

75. Experimental Optics.—Spring. Lecture M W., 9:30. Laboratory, M. F., 3:30-6:30. Four hours credit. Marshall. (Not given this year.)

During the first part of the course experiments outlined in Taylor's Manual of Optics will be performed, and during the last special work in the echelon and concave grating will be given.

76. Wave Motion.—Winter. M. W. F., 9:30. Three hours credit. Eyring. (Not given this year.)

Development of the equation of wave motion from the study of wave phenomena in rods, strings, liquids, etc., and a study of its solution.

77. Sound.—Spring. M. W. F., 9:30. Three hours credit. Eyring. (Not given this year.)

Advanced course in sound. Such topics as vibrating systems, resonators and acoustic filters, sound transmission and radiation, and acoustics of auditoriums will be discussed.

86. Analytical Mechanics.—Autumn. M. W. F., 9:30. Five hours credit. Eyring. (Not given this year.)

Fundamental equations of mechanics and their application to physical problems. Prerequisites, Calculus and Physics 41, 42, 43.

87. Laboratory Arts.—Autumn, Winter or Spring T. Th., 3:30-6:30. Two hours credit. Marshall and Hales.

Glass blowing, frilling, grinding and polishing; hard and soft soldering; silvering glass; and other miscellaneous processes connected with the construction and use of apparatus in physical laboratory.

88, 89. Development of Physics.—Autumn, Winter. T. Th., 10:30. Two hours credit each quarter. Eyring. (Not given this year.)

90. Survey of Physical Theories.—Spring. T. Th. 10:30. Two hours credit. Eyring.

A survey course for all seniors in the department n which an attempt will be made to aid the student o integrate the specialized courses he may have taken n the department.

92. **Readings in Modern Physics.**—Credit 1 to 3 ours depending on the work done. Eyring, Marshall, r Hales.

A reading course designed to acquaint the student vith new material which may not have been included n the regular courses.

99. **Teaching of Physics.**—Autumn. M. W., 3:30. Two hours credit. Peterson. (See Secondary Teaching 65.)

Graduate Courses

101. **Introduction to Modern Physics.**—Autumn. M. W. F. Three hours credit. Eyring or Marshall.

Brief historical survey of Physics, aiming to introduce some of the important modern theories of physics. Also consideration of the Electromagnetic Theory of Light and Photo Electric Effect.

102. **Introduction to Modern Physics.**—Winter. M. W. F.. Three hours credit. Eyring or Marshall.

Continuation of 101. Study of origin of quantum theory and some of its modern applications.

103. **Introduction to Modern Physics.**—Spring. M. W. F., Three hours credit. Eyring or Marshall.

Continuation of 102. Brief study of X-ray, radioactivity, atomic structure.

105, 106, 107. **Introduction to Theotrical Physics.**—Autumn, Winter, Spring. 2:30. Three hours credit each quarter. Hales. (Not given this year.)

An introductory study of the mathematical basis and development of the fundamental laws and theories of physics.

110, 111, 112. Classical Experiments.—Each course two hours credit. Eyring, Marshall, Hales.

176. Wave Motion.—Winter. M. W. F., 9:30. Three hours credit. Eyring. (Not given this year.)

177. Sound.—Spring. M. W. F., 9:30. Three hours credit. Eyring. (Not given this year.)

192. Readings in Modern Physics.—Credit, one to three hours, depending upon amount of work done. Eyring, Marshall and Hales.

200. Thesis in Physics.—Credit to be arranged.

PHILOSOPHY OF EDUCATION

Professors Woodward, Merrill, Swenson, Nelson;
Assistant Professor Boyle.

This department is designed to prepare the student in the fundamentals of professional education with emphasis upon aims, objectives, the fundamental principles involved in the various levels and the relation the school bears to society.

Thirty hours are required for a major. The following sequence of courses is recommended:

1. In the junior year Philosophy of Education 74, 81, 84 and Psychology 74, or Philosophy of Education 72 or 92,

2. In the senior year Philosophy of Education 85, 86, 87, 88, 89, 90 and 94 or 96.

3. With the approval of the major professor certain courses from other departments in the College of Education may be substituted for certain courses in the above list.

Lower Division Courses

35. Principles of Education.—Autumn, Winter or Spring. M. T. W. Th. Four hours credit. Boyle.

This is an introductory survey course in education, planned to cover the general field. It serves to orient the student and to introduce him to the other courses in education. Required of all students qualifying for elementary teaching; recommended for all majoring in Elementary Education. The principal topics covered are: the Child, the Teacher, Objectives in Teaching, the Teaching Process, Measurement, and the American Public School. (See Elementary Education 1.)

Upper Division Courses

72. **Community Organization and Leadership.**—(See Sociology 51.) Swenson.

74. **Rural Sociology.**—(See Sociology 53.) Nelson.

81. **Science of Education.**—Autumn, Winter, Spring. M. W. F., 8:30. Four hours credit. Woodward.

It is recommended that this course be preceded by a course in Educational Psychology. A consideration of the fundamental problems of educational theory and practice; the aims, standards and contents of education. A study of the principles of determining educational values. A summary of the psychological investigations that have been made relevant to the principal school subjects. An introduction to the scientific methods of measuring the results of teaching. This course must precede or be taken in connection with Secondary Training. It should be taken during the junior year.

84. **Educational Sociology.**—(See Sociology 61.) Swenson.

85. **Philosophy of Nature.**—Winter. M. W. F., 9:30. Three hours credit. Woodward.

The course deals with a brief survey of the evolution of philosophical thought; the place of philosophy

in the solution of problems of modern civilization. A survey will be made of various types of philosophy such as spiritualism, materialism, dualism, idealism, pragmatism, rationalism, realism, mysticism, etc. Considerable time is given to the problems of reality, theories of knowledge, self, and the status of values.

86. **Philosophic Ethics.**—Autumn. T. Th., 11:30. Two hours credit. Woodward.

This course will consist of a brief treatment of the evolution of ethical thought, the principal philosophic problems underlying ethical theory will be discussed, such as: Materialism versus purposive evolution, the nature of good and evil, the problems of the self, status of values, are we masters of our fates, Immortality, Democracy and the Moral Order. This course is also listed in the Departments of Sociology and Religious Education, and is designed to meet state requirements in ethics or sociology. (See Sociology 86 and Religious Education 81.)

87. **Ethics as Applied to Individual Development.**—Winter. T. Th., 11:30. Two hours credit. Woodward.

The course aims to present a definite technique of character building. It is designed to give specific help to students and teachers interested in the development of the abundant life. It covers such problems as the nature of man, his opportunities for growth and development, the nature of the good life, man's struggle for happiness, the laws upon which happiness depends, and characteristics which make up a satisfactory character, the analysis of the good life. It deals also with a technique designed to assist the student in the development of the power of self control and self mastery. This course is listed also in the Department of Sociology and in the Department of Religious Education. It is designed to meet part of the state requirements in ethics and sociology. (See Sociology 87, and Religious Education 82.)

88. The Message of the World's Great Teachers.—Spring. T. Th., 11:30. Two hours credit. Woodward.

This course deals with the message of life and self development as set forth by the world's outstanding teachers. The following systems of thought are included: The philosophy of Jesus, Buddhism, early Hinduism, Confucianism, Taoism, and Zoroasthianism. A careful study is made of these outstanding philosophic and religious systems with special reference to the theory and technique of character building leading to individual self realization. The course is also listed under Religious Education. (See Religious Education 83.)

89. Social Ethics.—Spring. T. Th., 10:30. Two hours credit. Woodward.

This course deals with ethical theory as applied to our industrial and social problems, the present conflict in moral and ethical ideals, the meaning of democracy, the ethics of modern business, the breakdown of Puritan ethics, Individualism, Christian ethics, the problems of capital and labor, international good will and world peace. This course is also listed in the department of Sociology, and is designed to meet state requirements in ethics or sociology. (See Sociology 89.)

90. Education and Twentieth Century Civilization.—Autumn. M. W. F., 9:30. Three hours credit. Woodward.

This course deals with the outstanding present day political, economic, social and educational conditions in fourteen of the most important countries of the Orient, and Occident. The aim of the course is to present a vivid picture of the life, aspirations, and problems of the people of Japan, China, Philippine Islands, Java, Siam, Egypt, Greece, Italy, Austria, Germany, Russia, France, and England.

92. Vocational Education.—Autumn. M. T. W. Th., Four hours credit. Merrill.

This course will deal with the aims and needs of vocational education; how this type of educational activity answers the demand of society; the place it should fill in the schools today; the types of vocational training that should be fostered under western conditions; the principles governing the determination of the curriculum; the aid extended by state and federal governments.

93. Philosophical Analysis—(Logic). — Spring. M. W. F., 9:30. Three hours credit. Woodward.

This course deals with a study of the primary forms of thought, inductive and deductive processes, with the application of these various forms of thought to important philosophic and scientific theories and deductions. It covers a careful survey of the evolution and application of the scientific method.

94. Methods of Character Education.—Winter. T. Th., 8:30. Two hours credit. Woodward. (Not given this year.)

This course considers education as training for social efficiency, and the school as one of several agencies for such training. It discusses the moral significance of the various studies and activities of the school, direct and indirect moral instruction and moral training.

96. History of Education.—Winter. M. W. F., 10:30. Three hours credit. Woodward.

A discussion of the educational theories and practices of the Greek, Roman, and Mediaeval periods of history. Emphasis will be placed upon the following topics: The rise and growth of Christian education, the rise of universities, the Renaissance, the development of science and scientific methods, and the more recent and contemporary development of educational theory and practice. Knowledge of European history presupposed.

99. Philosophy Seminar.—Winter and Spring. Two hours credit. Woodward.

This course is intended for advanced students only. It deals with such problems as Realty, The Self, Immortality, etc. Registration is possible only by consent of the instructor. Class meets once each week. Time is to be arranged.

Graduate Courses

185. Philosophy of Nature.—Winter. M. W. F., 9:30. Three hours credit. Woodward.

This course parallels Philosophy of Education 85.

186. Philosophic Ethics.—Autumn. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Philosophy of Education 86.

187. Ethics as Applied to Individual Development.—Winter. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Philosophy of Education 87.

188. The Message of the World's Great Teachers.—Spring. T. Th., 11:30. Two hours credit. Woodward.

This course parallels philosophy of Education 88.

189. Social Ethics.—Spring. T. Th., 10:30. Two hours credit. Woodward.

This course parallels Philosophy of Education 89.

190. Education and Twentieth Century Civilization.—Autumn. M. W. F., 9:30. Three hours credit. Woodward.

This course parallels Philosophy of Education 90.

192. Vocational Education. — Autumn. Four hours credit. Merrill.

This course parallels Philosophy of Education 92.

193. Logic.—Spring. M. W. F., 9:30. Three hours credit. Woodward.

This course parallels Philosophy of Education 93.

194. Methods of Character Education.—Winter. T. Th., 8:30. Two hours credit. Woodward.

This course parallels Philosophy of Education 94.

196. History of Education.—Time to be arranged. Three hours credit. Woodward.

This course parallels Philosophy of Education 96.

199. Philosophy Seminar.—Winter and Spring. T. Th. Two hours credit. Woodward.

This course parallels Philosophy of Education 99.

POLITICAL SCIENCE

Professor Jensen; Mr. Ballif.

Requirements for a Major in Political Science: Students must present a minimum of fifteen hours of upper division credit in Political Science. The upper division courses selected must be approved by the major professor at the time of registration.

Lower Division Courses

10. National Government of the United States.—Autumn. M. W. F., 10:30. Three hours credit. Jensen.

An examination of the historical development of the American Government; origin and growth of the Constitution; constitutional rights of the citizens; a detailed study of the executive, legislative, and judicial departments of the national government. This course should be elected in the freshman year by all who intend to major in Political Science, to be followed in the Winter quarter by Political Science 11.

11. State and Local Government in the United

States.—Winter. M. W. F., 10:30. Three hours credit. Jensen.

The nature of federal government; the evolution of states from territories; place of the states in the nation; a study of the executive, legislative, and judicial branches of state government.

12. Political Parties and Party Government.—Spring. M. W. F., 10:30. Three hours credit. Jensen.

A study of the organization and methods of action of political parties in the United States; the development of the party system; convention and direct primary systems; the party system in leading European countries.

21. Problems of Citizenship.—Spring. T. Th., 8:30. Two hours credit. Jensen.

A study of fundamental political, social, economic, and international problems which make for intelligent citizenship.

43. Commercial Law.—Autumn. M. T. W. Th., 8:30. Four hours credit. Ballif. (See Finance and Banking 21.)

Fundamental notions concerning legal principles and institutions; the law governing the formation, operation and effect, and performance of contracts; the law governing the acquisition and transfer of title to real and personal property, and rights based thereon. Leading cases decided by the courts will be examined.

44. Commercial Law.—Winter. M. T. W. Th., 8:30. Four hours credit. Ballif. (See Finance and Banking 22.)

A study of law governing Negotiable Instruments, emphasizing the essential characteristics of this class of contracts and its commercial importance, together with rights and liabilities of parties thereto; also a study of the law governing sales of personal property as distinguished from gifts, barters, and bailments,

References will be made to the leading cases decided by the courts.

45. Commercial Law.—Spring. M. T. W. Th., 8:30. Four hours credit. Ballif. (See Finance and Banking 23.)

A study of the law governing relationships arising out of business associations; Agency, Partnerships and Corporations will be studied by an examination of the leading cases decided by the courts.

Upper Division Courses

50. Principles of Political Science.—Spring. M. W. F., 9:30. Three hours credit. Jensen.

This course aims to present a systematic study of the principles of political science. It deals with the scope and methods of political theory; the origin, basis and nature of the state; sovereignty; the structure and province of government; citizenship and nationality. This course should be taken by all who major in Political Science.

51. European Political Philosophy. — Winter 8:30. Two hours credit. Jensen. (Not given this year.)

A survey of political thought from the time of the ancients to the present with emphasis given to modern and contemporary political theory.

53. History of American Political Thought.— Autumn. T. Th., 8:30. Two hours credit. Jensen.

A study and interpretation of American political ideas from the colonial period to the present with an examination of their influence in the development of American history and government.

63. Municipal Government.—Spring. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of municipal growth and development in

the United States and in some of the principal European countries. Attention is given to municipal structure, organization, and administration. Among the subjects treated in their relation to municipal government are: the history of municipal growth, public improvements, finances, home rule, legal status, politics, and municipal ownership.

73. Comparative Constitutional Government.—Autumn. M. W. F., 9:30. Three hours credit. Jensen.

A study of the organization and operation of the governments of England, France, Italy, Germany, Switzerland, and Russia. Attention is also given to some of the new European governments.

80. International Law.—Winter. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

A study of the sources, principles, and sanctions of international law; the law of peace, war, and neutrality. Attention is given to the problems growing out of the World War and to the resulting modifications of international law.

82. History of American Foreign Policy.—Autumn. M. W. F., 9:30. Three hours credit. Jensen. (Not given this year.)

This course traces the history of American foreign relations from the colonial period to the present. Attention is given to the principal issues of diplomatic controversy and settlement.

83. International Relations.—Winter. M. W. F., 9:30. Three hours credit. Jensen.

Problems of nationalism and internationalism, Latin-American relations, evolution of the Monroe Doctrine, problems of imperialism, settlement of international disputes, the Hague Tribunal, the League of Nations, Permanent Court of International Justice, etc.

85. International Organization and Government.

—Winter. T. Th., 8:30. Two hours credit. Jensen. (Not given this year.)

The rise and development of international government; diplomatic intercourse of states; international executive, administrative, legislative and judicial functions; agencies of international intercourse and cooperation.

90. The Constitution of the United States.—Winter. T. Th., 8:30. Two hours credit. Jensen.

This course deals with the history and development of the Constitution of the United States. A study is made of its fundamental provisions, their interpretation, and their application in the functioning of the American system of government.

Graduate Courses

150. Principles and Problems of Political Science.

151. European Political Philosophy.

153. American Political Theories.

156. Public Opinion.—(Not given this year.)

163. Municipal Problems.

174. English Government and Politics.

175. The British Commonwealth of Nations.—(Not given this year.)

176. The Government and Administration of Germany.

180. International Law as Administered by the Courts.

181. The Conduct of American Foreign Relations.

182. History and Problems of American Foreign Policy.

183. International Relations and World Politics.

190. Constitutional Law of the United States.

193. Public Administration.—(Not given this year.)

200. Research for Master's Thesis.

PSYCHOLOGY

Professor Poulson; Assistant Professor Dusenberry.

Suggestions as to Courses.—Psychology 11 is the standard foundation course which is usually made a prerequisite to all other courses in university departments of psychology. The courses especially recommended to follow it are:

General Cultural Interests:—Psychology 65, 70, 71, 72, 79, 101, 102, and 103.

Business Interests:—Psychology 64, 65, 66, 70, 75.

Educational Interests:—Psychology 65, 70, 71, 72, 74, 75, 79, and 200. For fulfilling State Board requirements, Psychology 21 is intended for prospective elementary school teachers and Psychology 74 for junior and senior high school teachers. Other psychology courses in addition to these minimum requirements may be used very appropriately to make up some of the electives in professional subjects for state certification.

Psychology Major:—Credit must include experimental psychology and not less than nine quarter hours selected from psychology 70, 75, 79, 101, 102, 103, and seminar courses in psychology. General anthropology, statistical methods, and vertebrate zoology are recommended as valuable supplementary courses. Prospective "school psychologists" should aim to meet the major requirements as nearly as possible.

Lower Division Courses

11. **General Psychology.**—Autumn. Daily, 8:30. Winter. Daily, 9:30. Spring. Daily, 10:30. Five hours credit. Poulson.

An introductory study of mental activity covering in a general way the whole field of modern psychology. Certain problems of mental hygiene and the psychology of effective study will receive brief consideration. Approximately one-fifth of the course will consist of simple laboratory experiments.

21. **Introductory Educational Psychology.**—Autumn, Winter, Spring. Section 1, M. W. F., 9:30; Section 2, M. W. F., 10:30. Three hours credit each quarter. Dusenberry.

This course is designed for college students who are preparing for the profession of teaching and will deal with the following elements of educational psychology: The physiological basis of learning. The emotional and personality phases of development. The laws of habit formation. Memory and imagination. Individual differences. Perceptual learning together with the application of the principles of learning to education. This course should be of interest to students majoring in Home Economics as well as to those preparing for professional teaching.

25. **Psychology of Effective Study.**—Autumn. T. 9:30. Winter. T., 8:30. Spring. T. 9:30. One hour credit. Poulson.

A simple course in applied psychology designed especially to help freshmen who desire to improve their habits of study.

Upper Division Courses

64. **Business Psychology.**—Autumn. M. W. F., 9:30. Three hours credit. Poulson.

A brief consideration of the contributions of scientific psychology in the fields of modern advertising and salesmanship. Prerequisite: Psychology 11 or its equivalent.

65. Experimental Psychology.—Winter, Lecture, Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

Carefully selected readings and laboratory work in experimental psychology. The application of scientific technique to the study of mental activity. Good form in the tabular and graphic presentation of experimental data. Preliminary training for independent research. Prerequisite: The consent of the instructor.

66. Vocational Psychology.—Spring. M. W. F., 8:30. Three hours credit. Poulson.

A brief consideration of the contributions of modern psychology in relation to vocational selection and vocational guidance. Emotional maladjustments in relation to vocational problems. Efficiency studies and recent efforts to establish worthwhile personnel work.

70. Social Psychology.—Autumn. M. W. F., 10:30. Three hours credit. Poulson.

A study of mental life as conditioned by the social environment, habit, impulse, and intelligence in relation to social conduct. Nature and development of personality. Development and psychological significance of social institutions. Important educational implications of social psychology. Prerequisite: Psychology 11 or its equivalent.

71. Mental Hygiene and the Psychology of Childhood.—Autumn. T. Th., 11:30. Two hours credit. Poulson.

A course dealing with certain important, specialized phases of educational psychology. An attempt will

be made to present in systematic form the latest findings in child psychology and to suggest applications of the same in the home, the school and the church. Problems in relation to the development of integrated personalities will be empasized. Prerequisite: Psychology 11 or 21. (See Religious Education 71.)

72. **Psychology of Adolescence.**—Winter. T. Th., 11:30. Two hours credit. Poulson.

Continuation of Psychology 71 with special reference to the educational problems of adolescence as the psychologist sees them. Certain phases of psychology of religion which pertain especially to this period will receive consideration. Prerequisite: Psychology 11 or 21. (See Religious Education 72.)

73. **Psychology of Religion.**—Spring. T. Th., 11:30. Two hours credit. Poulson.

An advanced consideration of some of the most important results of the psychological study of religion as a basis for the interpretation of its meanings in personal and social life. Prerequisite: Psychology 70, 71 or 72. (See Religious Education 73.)

74. **Advanced Educational Psychology.**—Winter. M. W. Th. F., 8:30. Spring. M. W: Th. F., 9.30. Four hours credit. Poulson.

A brief consideration of certain important phases of the psychology of secondary education such as the laws of economical learning, how we think, and individual differences. About one-fourth of the courses will consist of a consideration of the psychology of the various school subjects. Psychology 11 is recommended as a valuable antecedent course.

75. **Mental Tests.**—Autumn. M. W. F., 8:30 Three hours credit. Poulson. (Alternates yearly with Psychology 101. Not given this year.)

History, theory, and technique of intelligence testing. Various types of tests and the manner of determining their validity. Scientific interpretation and ap-

plication of test results. Additional supervised training in the giving of various types of psychological tests may be had by pursuing this interest as a seminar problem. Prerequisite: Psychology 11 or 21.

79. Abnormal Psychology.—Spring. M. W. F., 8:30. Three hours credit. Poulson. (Alternates yearly with Psychology 102. Not given this year.)

A consideration of the psychology of abnormal people with emphasis upon the light thrown on normal psychology and important educational applications. Prerequisite: Psychology 11.

Graduate Courses

101, 102. Advanced General Psychology.—Autumn and Winter. M. W. F., 2:30. Three hours credit each quarter. Poulson. (Alternates yearly with Psychology 75 and 79.)

A careful reconsideration of the general field of modern scientific psychology also a comparative study of such contemporary systems as introspective psychology, behaviorism, Gestalt psychology, etc. An attempt will be made to determine the advantages and disadvantages of each method and point of view. Prerequisite: At least ten hours of credit in psychology.

103. Special Topics in Psychology.—Spring. M. W. F., 2:30. Three hours credit. Poulson.

This course provides for the individual or group study by advanced students of certain important topics in psychology which are not specifically organized into courses. For this year the topic chosen will probably be either History of Psychology or the Psychology of Speech, depending upon the choice of the students who are prepared to undertake one study or the other. These topics may be pursued as seminar problems if more convenient. Prerequisite: At least ten hours of credit in psychology.

165. **Advanced Experimental Psychology.**—Winter. Lecture, Th., 2:30. Laboratory M. W. F., 3:30-5:30 or equivalent number of hours to be arranged. Three hours credit. Poulson.

166. **Vocational Psychology.**—Spring. M. W. F., 8:30. Three hours credit. Poulson.

170. **Social Psychology.**—Winter. M. W. F., 10:30. Three hours credit. Poulson.

173. **Psychology of Religion.**—Spring. T. Th., 11:30. Two hours credit. Poulson.

175. **Mental Tests.**—Autumn. Three hours credit. Poulson. (Not given this year.)

179. **Abnormal Psychology.**—Spring. Three hours credit. Poulson. (Not given this year.)

187, 188, 189. **Seminar in Psychology.**—Autumn, Winter, Spring. Time to be arranged. One hour credit each quarter. Poulson.

Recent and current literature in theoretical and experimental psychology will be reviewed. Prerequisite: At least ten hours of credit in psychology.

200. **Thesis in Psychology.**—Winter. Conference, T., 2:30. Three to five hours credit. Poulson.

Research work in the preparation of an acceptable Master's thesis. Prerequisites: At least ten hours of upper division and graduate credit in psychology including Psychology 65 or 165. Also a course in statistical methods.

RELIGIOUS EDUCATION

Professors Brimhall, Wilson, Swenson. A. N. Merrill, Eyring, Martin, Woodward, Snow, Poulson, Nelson, Hansen, Osmond, Christensen, Miller, H. R. Merrill, Madsen, Pardoe, Larsen; Associate Professors J. M. Jensen, Sudweeks, Hales,

Lambert,Sperry; Assistant Professors W. H. Boyle, Dusenberry, Hart, Morley, Jeppson, Ivins; Mr. Dixon.

Students who wish to specialize for work with pre-adolescent children in the various auxiliary organizations of the church will be permitted to supplement the regular courses of the department for a major in Religious Education from the following: Elementary Education 1, 16, 20, and 60; Psychology 70 and 71. Courses especially recommended for these students are Religious Education 16, 17, and 18, Elementary Education 1 and Psychology 79.

Students wishing to specialize for work with adolescents and adults in church service may include in their Theology major courses selected from the following: Educational Administration 75, Philosophy of Education 88, 89, Psychology 79, 72. Secondary Education 54, and Sociology 65; Courses especially recommended for these students are Religious Education 74, 75, 76, 77, 78, 79, 81, 82, 83, 86, 92, and 93, Psychology 73, and Secondary Education 54.

Lower Division Courses

1. Problems of Religious and Ethical Life.—Autumn. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 4, 11:30; Sec. 5, 2:30; Two hours credit. Wilson, Miller, Boyle.

The student just entering college is aided in the solution of problems incident to his environment. The course treats the general significance and meaning of religion and morals, their origin and their interrelation in the formation of standards of conduct. It also deals with the concepts of right, duty, conscience, and character. The approach is made through a study of a series of practical problems.

2. Problems of Religious and Ethical Life.—Winter. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Sec. 3, 4, 11:30; Sec. 5, 2:30. Two hours credit. Wilson, Miller, Boyle.

A treatment of the practical aspects of religion

and morality, with attention to the cultivation of those personal virtues that are the foundation of character. The influence of religious ideals in the development of personal codes and standards; the application of formulated codes and standards to the solution of personal and social problems.

3. Problems of Religious and Ethical Life.—Spring. T. Th., Sec. 1, 8:30; Sec. 2, 9:30; Secs. 3, 4, 11:30; Sec. 5, 2:30. Two hours credit. Wilson, Miller, Boyle.

The individual's ethical relation to others as applied to his activities in cooperation with others. His responsibility in the promotion of ideals and standards through his functions in church and organizations for social welfare. The ethics of citizenship.

4. Literature of the Bible.—Autumn. T. Th., 9:30. Two hours credit. Sperry.

A study of the prose forms of the Old Testament from a literary, ethical, historical, and religious point of view. Freshmen will be admitted only with the consent of the instructors.

5. Literature of the Bible.—Winter. T. Th., 9:30. Two hours credit. Sperry.

A study of the poetry and wisdom literature of the Old Testament including Job and Isaiah. Freshmen students will be admitted only by consent of the instructors.

6. Literature of the Bible.—Spring. T. Th., 9:30. Two hours credit. Sperry.

A study of the literary forms of the New Testament. Parts of all the books will be considered. Freshmen students will be admitted only by the consent of the instructors.

10, 11, 12. Principles of Religious Conduct.—Autumn. T. Th., 11:30. Two hours credit each quarter. A. N. Merrill, Hales, Larsen.

This course deals with the fundamental theological and ethical principles governing Christian conduct. Designed especially to emphasize the contribution of the church to right living of the individual and the groups. Such topics as the value and significance of religious experience, the apportunities offered by the church for promoting high class religious experiences; the fundamental doctrines, ordinances and principles of the church and the relation of these to Christian conduct. Assigned reading, lectures and discussions.

14. Genealogy.—Autumn and Spring. T. Th., 11:30. Two hours credit. Sudweeks.

This course deals with such subjects as the place of genealogy in the plan of salvation, our responsibility to our dead ancestors, genealogical research, the pedigree, the family record, temple sheets, and temple ordinances.

19, 20, 21. Doctrine and Missionary Method.—Autumn. T. Th., 11:30. Two hours credit each quarter. Ivins.

A course designed especially for prospective missionaries. A review of the history of religious propaganda, a detailed study of methods employed in preaching the doctrines of the Church.

22, 23, 24. Hymnology and Music Directorship.—Autumn. T. Th., 11:30. Two hours credit each quarter. Madsen.

Study of the historical, doctrinal, prophetic, poetic, and esthetical content of songs and hymns of the Latter-day Saints. They are classified according to their dominant features poetically and musically and are emphasized according to their value to humanity. Special training in the essentials of church music leadership and rudimentary conducting is one of the most important features of the course. Taken by permission.

25. **Christianity and Christian Religion.**—Autumn. T. Th., 11:30. Two hours credit. J. M. Jensen.

In this course consideration will be given to Judaism as a forerunner and herald of Christianity. Israelitish faith and prophecy will receive attention, and the culmination of progressive, spiritual Judaism in Christianity will be stressed.

26. **Christianity and Christian Religions.**—Winter. T. Th., 11:30. Two hours credit. J. M. Jensen.

A study of important Christian religions of the present day: Catholicism; some of the important denominations of Protestantism; Christian Science; and the Salvation Army movement. The origin and history of each will be considered at sufficient length to give a background for a careful analysis of the principles of the modern Christian churches.

27. **Christianity and Christian Religions.**—Spring. T. Th., 11:30. Two hours credit. J. M. Jensen.

A study of present tendencies among Christian churches. Fundamentalism and Modernism as cross sections of various denominations will be analyzed. The relationship of modern science to Christianity will receive serious thought.

Upper Division Courses

52. **The Mormon Community.**—Autumn. T. Th., 11:30. Two hours credit. Nelson. (See Sociology 52.)

Social, economical, and political backgrounds of Mormon Community organizations. Special attention is given to the village form of rural community as created by the Latter-day Saints. The contemporary influences which had a bearing on the village idea, and the subsequent history of the Mormon group, especially the conflict and cooperation experiences, are given consideration.

NEW TESTAMENT.—The three courses following aim at a constructive and interpretative study of the New Testament. The courses will be based primarily on the text, although outside authorities will be used. The courses will include a study of the social, political, and religious conditions in and about Palestine during New Testament times.

54, 55. Life and Teachings of Christ.—Autumn T. Th., 11:30. Two hours credit each quarter. Swenson, Martin, Sperry.

A study of the life and teachings of Jesus as revealed in the New Testament.

56. Life and Teachings of Paul and Other Apostles.—Spring. T. Th., 11:30. Two hours credit. Swenson, Martin, Sperry.

The course in addition to a study of the journeys and missions of Paul, will include a study of some of the Epistles.

57. Philosophy and Life.—Autumn. T. Th., 11:30. Two hours credit. Osmond.

A discussion of the fundamental principles of philosophy, science, and religion and their inter-relations. A brief historic sketch of Greek philosophy is given as an introduction to a more careful study of Realism, Mysticism, Rationalism, and Idealism.

58. Philosophy and Life.—Winter, T. Th. Two hours credit. Osmond.

A continuation of course 57. A comparative study of natural and revealed religion. The seven fundamental natures of man, the negative and positive conditions of happiness, pleasure, joy, and tragedy of life, are the principal subjects discussed in this course.

59. Philosophy and Life.—Spring. T. Th., 11:30. Two hours credit. Osmond.

A continuation of course 58. This course is devot-

ed to a study of the elements and agencies of redemption, the spiritual life, good and evil, the truth, the fine art of living, and the philosophy of conflict.

63, 64, 65. History of the Christian Church.—Autumn. T. Th., 11:30. Two hours credit each quarter. Snow. (Not given this year.)

Christianity a product of Mediterranean civilization created anew by the Messiah. A brief study of the oriental and classic culture and philosophy out of which emerged the Christian Church under the Teachings of Christ, Paul, the Church Fathers and the Clergy both lay and clerical. Attention will be given to the development of the Papacy, the conflict between orthodoxy and heresy, the rivalry of Empire and Papacy, the Conciliar movement, the Renaissance and Reformation and the diversity of religious beliefs and practices under the new spirit of tolerance and liberty. The present status of Christendom will conclude the year's work.

66, 67, 68. Bible History.—Autumn, Winter, Spring. T. Th., 2:30. Two hours credit each quarter. Sperry.

Growth of the Bible. Growth of traditions and story cycles and their historical values. Historical survey of Israel and a study of their social, ethical and religious ideas and ideals. Application of their problems to modern world conditions. Brief historical background, interpretation and literary merits of the books of the Old Testament.

69. History of Religion in the United States.—Autumn or Winter. T. Th., 9:30. Two hours credit. Christen Jensen.

The heritage from the Old World; religious development in the colonies; tendencies toward liberalism; relationship of church and state; the religion of the frontier; Christianity and the Indians; the churches and slavery; evangelism in religion; humanitarian aspects of religion in the United States; tend-

encies toward emancipation from formal worship and orthodoxy; religious educational institutions and societies; rise of new sects; the problem of socializing, rationalizing, and spiritualizing religion; organization and structure of the churches in the United States; auxiliary church organizations; missionary activities; tendencies toward unity. (A knowledge of the history of the United States is desirable as a background for this course.)

71. Mental Hygiene and the Psychology of Childhood.—Autumn. T. Th., 11:30. Two hours credit. Poulson.

A course dealing with certain important specialized phases of educational psychology. An attempt will be made to present in systematic form the latest findings in child psychology and to suggest applications of the same in the home, the school and the church. Problems in relation to the development of integrated personalities will be emphasized. Prerequisites, Psychology 11 or 21.

72. Psychology of Adolescence.—Winter. T. Th., 11:30. Two hours credit. Poulson.

Continuation of course 71 with special reference to the educational problems of adolescence as the psychologist sees them. Certain phases of psychology of religion which pertain especially to this period will receive consideration. Prerequisite, Psychology 11 or 21. (See Psychology 72.)

73. Psychology of Religion.—Spring. T. Th., 11:30. Two hours credit. Poulson.

An advanced consideration of some of the most important results of the psychological study of religion as a basis for the interpretation of its meanings in personal and social life. Prerequisite: Psychology 70, 71, or 72. (See Psychology 73.)

74. Social and Recreational Leadership.—Autumn T. Th., 11:30. Two hours credit. Jeppson and Hart.

Social dancing. This course is designed to prepare students for teaching and supervising social dancing in wards and communities. Ballroom management and dance music will be given particular emphasis.

75. Social and Recreational Leadership.—Winter. T. Th., 11:30. Two hours credit. Jeppson and Hart.

This course is designed to prepare leaders in directting home entertainment. Plans for special holiday parties, occasional informal affairs will be studied.

76. Social and Recreational Leadership.—Spring. T. Th., 11:30. Two hours credit. Jeppson and Hart.

This course is given to meet the needs of church and school recreational leaders. The various forms of play for primary and secondary school, and church auxiliary organizations will be studied and workable plans compiled. Each student will have opportunity for practice.

77. Scout Leadership.—Autumn. T. Th., 11:30. Two hours credit.

A course designed especially for scoutmasters and prospective scout leaders. The first part of the course will consist of a series of short hikes on which the following topics will be studied: How to walk, packs for pedestrians, campmaking, fire-building, camp cookery, knots, hitches and lashings. The second part of the course will consist of a study of first aid, bandaging, personal and public health.

78. Scout Leadership.—Winter. T. Th., 11:30. Two hours credit.

A continuation of course 77. The topics to be studied are: Organization of a Scout troop and its relationship to the Local Council and the National Council, Boy Scouts of America; the methods of troop management and the use of the patrol system; the psychology of the Boy Scout; scout stories and games.

79. Scout Leadership.—Spring. T. Th., 11:30. Two hours credit.

A continuation of course 78. Signs, symbols, and signaling; pathfinding and mapmaking; trees, flowers, birds, common wild animals, and stars are the subjects to be studied in the classroom and while on short hikes.

81. Philosophic Ethics.—Autumn. T. Th., 11:30. Two hours credit. Woodward.

This course will consist of a brief treatment of the evolution of ethical thought, the principal philosophic problems underlying ethical theory will be discussed, such as: Materialism versus purposive evolution, the nature of good and evil, the problem of the self, a status of values, are we masters of our fates, Immortality, Democracy and the Moral Order. This course is designed to meet state requirements in ethics or sociology. (See Philosophy of Education 86 and Sociology 86.)

82. Ethics as Applied to Individual Development.—Winter. T. Th., 11:30. Two hours credit. Woodward.

The course aims to present a definite technique of character building. It is designed to give specific help to students and teachers interested in the development of the abudant life. It covers such problems as the nature of man, his opportunities for growth and development, the nature of the good life, man's struggle for happiness, the laws upon which happiness depends, and characteristics which make up a satisfactory character, the analysis of the good life. It deals also with a technique designed to assist the student in the development of the power of self-control and self-mastery. This course is listed also in the Department of Sociology and in the Department of Philosophical mastery. It is designed to meet part of the state requirements in ethics and sociology. (See Sociology 87 and Philosophy of Education 87.)

83. The Message of the World's Great Teachers.

—Spring. T. Th., 11:30. Two hours credit. Woodward.

This course deals with the message of life and self devedopment as set forth by the world's outstanding teachers. The following systems of thought are included: The Philosophy of Jesus, Buddhism, early Hinduism, Confucianism, Taoism, and Zoroastrianism. A careful study is made of these outstanding philosophic and religious systems with special reference to the theory and technique of character building leading to individual self realization. (See Philosophy of Education 88.)

84. **Religion and Life.**—Autumn. T. Th., 11:30. Two hours credit. Lambert.

This course offers students an opportunity to make an analysis of the basic concepts set forth in the Doctrine and Covenants together with a consideration of how these concepts may assist in building a happy life. The course is conducted on a seminar basis.

85. **Religion and Life.**—Winter. T. Th., 11.30 Two hours credit. Lambert.

This course offers students an opportunity to make a study of the historical and social backgrounds into which various sections of the Doctrine and Covenants came. It considers the needs which the various revelations contained in this book met as they were given. The course is conducted on a seminar basis.

86. **Administration of Private and Parochial School and Seminaries.**—T. Th., 11:30. Two hours credit. Lambert.

This course offers students an apportunity to study the place of the private and the denominational school in America and the relationships which exist between private and state schools. Students majoring in Educational Administration may obtain major credit for this course.

87, 88, 89. Rationality of Religion.—Autumn. T. Th., 11:30. Two hours credit each quarter. Wilson.

This course will deal with the following: Religion as life in its relationship to philosophy, the concept of truth, how arrived at, the concept of God, his relations to man, and his plan for man's redemption. Jesus Christ and his relation to the plan, his divinity, and the atonement brought about by him. Joseph Smith, his mission and work. The Church as a social organization, its functions, methods and problems. The relation of psychology to personal religious development, the tests of religious progress in terms of personal welfare. The relation of religion to the natural sciences, the concept of evolution and its relation to religion, the nature of progress, and the relation of all life's interests to the gospel of Jesus Christ.

94. Man and His Relationship to the Universe.—Autumn. T. Th., 11:30. Two hours credit. Hansen.

Anthropology. A series of lectures covering the speculations as to the origin of man in the Old and New World, and prehistoric man's contribution to the historic world of religion.

95. Man and His Relationship to the Universe.—Winter. T. Th., 11:30. Two hours credit. Snow.

Primitive and Great Religions of the World. A general perspective of the important religions of the world. Among the religions considered are: Religions of primitive people of Babylonia and Assyria, Egypt, Judaism, Mohammedanism, Zoroastrianism, the religions of China, Japan, Greece, Rome, and of the Celts and Teutons. Some attention is also given to a study of early Christianity.

96. Man and His Relationship to the Universe.—Spring. T. Th., 11:30. Two hours credit. Eyring.

History of science and its relations with religion of philosophy. A study will be made of the religious and philosophic overbeliefs which have emerged from

science as it has been in the making, special emphasis being given to the development of the materialistic conception of the universe during the last century and of the modern tendency toward a more spiritual interpretation. It will be pointed out that to see life as an integrated whole one needs not only science, but art, philosophy, and religion.

Graduate Courses

105. Research in Religious Education.—Autumn. Winter, or Spring. Two hours credit. Lambert.

A course in technique or research as applied to problems in religious education and which will provide an opportunity for students to apply acceptable methods of investigation to problems in this field. Credit is based upon presentation of an acceptable paper embodying the results of independent work upon an approved problem.

106. Research Methods in the Social Sciences.—Spring. T. Th., 11:30 and W., 2:30. Three hours credit. Nelson.

It is recommended that students should have had Mathematics 13 or Educational Administration 79 before taking this course.

121, 122, 123. Seminar.—Autumn, Winter, Spring. —W., 4:30. One hour credit. Wilson.

161. Primitive and Great Religions of the World. —A rather intensive study of some one of these will be required. Prerequisite: Religious Education 95. (Not given this year.)

162. The Religious Rivals of Early Christianity. —This course will involve a survey of the religions most prominent in the Roman World at the birth of Christ. Particular attention will be given Mithraism and its relation to Christianity. (Not given this year.)

163. Early Christianity and its Different Appeals to Jew and Gentile.—Special problems of research; e. g. Nestorianism, Montamism, Gnosticism, and the Atonement. Various explanations of the Atonement may furnish a basis for careful study.

164. Early Church Movements and the Development of a Catholic Church Organization.

165. Christianity and the Rationalism of the Eighteenth Century and the Speculative Theories Since.—Intensive study of some of the modern problems will be required.

173. Psychology of Religion.—Spring. T. Th., 11:30. Three hours credit. Poulson.

181. Philosophic Ethics.—Autumn. T. Th., 11:30 Two hours credit. Woodward.

This course parallels Religious Education 81.

182. Ethics as Applied to Individual Development.—Winter. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Religious Education 82.

183. The Message of the World's Great Teachers.—Spring. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Religious Education 83.

184. Religion and Life.—Autumn. T. Th., 11:30. Two hours credit. Lambert.

This course parallels Religious Education 84 and permits graduate students to do intensive work in the field.

185. Religion and Life.—Winter. T. Th., 11:30. Two hours credit. Lambert

This course parallels Religious Education 85 and permits graduate students to do intensive work in the field.

186. Administration of Private and Parochial Schools and Seminaries.—T. Th., 11:30. Two hours credit.

This course parallels Religious Education 86 and permits graduate students to do intensive work in this field. Students majoring in Educational Administration may obtain credit for this course.

187, 188, 189. Rationality of Religion.—Autumn, Winter, Spring. T. Th., 11:30. Two hours credit each quarter. Wilson.

These courses are extensions of courses 87, 88, and 89.

193. Methods in Religious Education.—Autumn or Spring. T. Th., Two hours credit. A. N. Merrill.

This course is designed for those who are expecting to qualify for efficient service in directing teacher training, in supervising instruction, and teaching adolescent and adult students. It will deal with the best devices employed in directing and supervising theological instruction, and also with the most efficient methods of teaching for the attainment of definite purpose in the field of theology.

195. Anthropology.—Winter. T. Th., 11:30. Two hours credit. Hansen. (See Sociology 95.)

A continuation of course 94 with special reference to the American Indians.

196. Anthropology Research.—Spring. Time and credit to be arranged. Hansen. (See Sociology 96.)

SECONDARY EDUCATION

Professors A. N. Merrill, Woodward, Eastmond, Nelson, Romney, Madsen; Associate Professors Sudweeks, Warnick, Lambert; Assistant Professors Boyle, Jensen, Hart, Morley, Hansen; Mr. Dixon, Mr. Peterson, Secondary Training School Faculty.

The following courses are suggested for students who

desire to take work in other departments of the College of Education: Philosophy of Education 89, 92, 145; Educational Administration 50, 77; Elemntary Education 60; Psychology 74, 77. With the approval of the major professor courses from other departments may be offered to fill major requirements.

Upper Division Courses

51. Organization, Administration, and Teaching Methods in Secondary Schools.—Autumn or Winter. M. F., 10:30. Two hours credit. Merrill.

This course is designed to include a study of methods of teaching in high school, necessary as a prerequisite for practice teaching. This is part of the course Organization and Administration of Secondary Schools as outlined in the certification requirements of the state. Courses 51 and 52, will be required for those desiring credit in practice teaching and recommendation to the State Board of Education for certification. In course 51 emphasis will be placed on methods of teaching in high school.

52. Organization and Administration of Secondary Schools.—Autumn, or Winter. T. Th., 10:30. Two hours credit. Woodward.

During this course special attention will be given to the problems of high school organization and administration.

54. Secondary Teaching.—Autumn, Winter and Spring. Lecture period, W., 10:30. Practice periods to be arranged. Eight hours credit, four hours in each of two quarters. Merrill, Boyle, Jensen, and Secondary Training School Faculty.

This is a course in practice teaching under supervision. Each student before receiving credit in the course will make a critical study of one good book on

the special methods of teaching his major subject. Approximately 80 hours of participation and responsible class room teaching will be required, but success in the course will be determined by the quality of the work done, not by the number of hours teaching. The students begin by performing the simpler routine tasks of the class-room and preparing the assignments made to the pupils. They will be permitted to assume responsibility as rapidly as they show ability to do so. A certain minimum of responsible teaching in full charge of the class is required. Each student will train in his major subject unless special arrangements are made for training in other lines. A student should have Educational Psychology and Philosophy of Education 81 as prerequisites to this course. Secondary Teaching 51 and 52, are to be taken as parallel courses. Before a student is registered he must present from his major and minor professors a statement that his scholarship is sufficiently high to justify his teaching the subjects. Hours for practice teaching must be arranged with the Supervisor of Secondary Training when registering.

55. **Junior High School Organization and Teaching.**—Spring. M. W. F., 9:30. Three hours credit. Merrill.

This course will deal with the most vital problems in the organization and methods of teaching in the junior high school. The functions, the objectives, the curricula and courses of study, and technique of teaching on this level will be given special consideration. Students will have an opportunity of observing in the Secondary Training School.

58. **Health Education for Teachers.**—Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Cullimore, Oaks, Merrill.

Designed especially for those who are preparing to teach in the public schools. (See Zoology 58.)

*62. **Methods of Teaching Art.**—Autumn. and Winter. Th., 3:30. One hour credit. Two hours credit. Eastmond. (See Art 54.)

63. **Methods of Teaching Agriculture.**—Autumn. F., 8:30. Two hours credit. Sudweeks.

A practical course in the application of methods to the teaching of Agriculture. Intended to accompany or precede Secondary Teaching 54. For senior or junior students who are preparing to teach Agriculture. Emphasis will be given to consideration of Smith-Hughes standards and requirements.

64. **Methods of Teaching Music.**—Winter. T. Th., 8:30. Two hours credit. Hanson. (See Theory of Music 91.)

65. **Methods of Teaching Modern Languages.**—Autumn. Time to be arranged. Two hours credit. Cummings. (See German 65, French 65.)

66. **Methods of Teaching Physical Education.**—Autumn and Winter. Time to be arranged. Romney, and Dixon. (See Physical Education 92.)

67. **Methods of Teaching Home Economics.**—Autumn. T. Th., 8:30. Warnick. (See Home Economics 81, 82.)

68. **Methods of Teaching Speech.**—Autumn and Winter. Two hours credit. One hour per week. Time to be arranged. Morley. (See Speech 91.)

69. **Measurements of High School Teaching.**—Spring. 1:30. Four hours credit. Sudweeks.

A study of standard tests, now available for use in high school subjects. Some practice will be given in giving and scoring tests, interpreting results, and planning remedial teaching. Open to advanced stu-

*Special method courses are offered in some of the other subjects. Such courses, when offered, are described as separate courses in the respective departments and credit for such courses is to be use to fill major rather than educational requiremnts.

dents only. Some consideration given to Old and New Type Exanimations.

81. **Science of Education.**—Autumn, Winter and Spring. 9:30. Four hours credit each quarter. Woodward. (See Philosophy of Education 81.)

This course is required of all students in education who expect to qualify for high school state certification and should be taken during the junior year.

91. **The High School Curriculum.**—Winter. M. T. W. Th., 9:30. Four hours credit. Merrill.

In this course, the principles governing the organization of the high school curriculum, will be studied. The evalution of the objective, the course of study and the activity phase of the present high school curriculum will be considered with the idea of improvement. The unification of the work of the various departments of the high school and how these may contribute to the achievement of the recognized aims of education will be a part of the course.

92. **Vocational Education.**—Autumn. 9:30. Four hours credit. (See Philosophy of Education 92.)

94. **Educational and Vocational Guidance.**—Autumn. 9:30. M. T. W. Th., Four hours credit. Merrill.

In this course a survey will be made of the development in the field of vocational guidance. It will include a consideration of the principles of vocational guidance early vocational experience as a feature in determining the choice of an occupation; equipment and method of a vocational counselor; the school as a vocational guidance center; modification of the high school curriculum to faciliate vocational choice; type of reading which will lead to proper vocational adjustment; placement as a function of the schools; relation of vocational guidance to industrial education.

Graduate Courses

101. Special Problems in High School Curriculum

with Special Reference to Utah Schools.—Time to be arranged. Four hours credit. Merrill.

In this course, a careful analysis will be made of the subject matter and student activities now required of students in the different phases of work in the high schools of Utah. The students will investigate the high schools of their special interests for the purpose of ascertaining the nature of the curriculum that is at present being administered, and comparing this with the latest thought in the field of curriculum making.

102. Problems in Part-time Education.—Hours to be arranged. Two hours credit. Merrill and Woodward.

This course deals with the methods and problems of part-time education; the character of the population to be educated, methods of teaching in part-time classes, job analysis and course organization.

147. Research Work in Sceondary Teaching.—The consent of the instructor is necessary before registering. Merrill, Lambert.

In certain courses, students may be given from two to four hours credit on presentation of a satisfactory thesis on an assigned topic embodying the results of independent work.

148. Introduction to Research and Thesis Writing.—Autumn. Two or three hours credit. Lambert.

A course in principles and techniques, research and training in thesis preparation with instruction in using sources of materials, preparation of bibliography, or ganizing and reporting results of investigations, selection of suitable thesis problems. Senior students may enter with the consent of the instructor. All students registering as candidates for the Master degree in the College of Education are expected to take this course.

150. Graduate Seminar in Education.—Each alternate Monday, 7:30 to 9:30 p. m.

169. Measurements of High School Teaching.—Spring. 1:30. Four hours credit. Sudweeks.
(See Secondary Education 69.)

191. The High School Curriculum.—Winter. M. T. W. Th., 1:30. Four hours credit.
(See Secondary Education 91.)

192. Vocational Education.—Autumn. 9:30. Four hours credit. Merrill.
(See Philosophy of Education 92.)

194. Educational and Vocational Guidance.—Autumn. M. T. W. Th., 9:30. Four hours credit: Merrill.

200. Thesis Work in Secondary Education.—From four to eight hours credit, depending upon the problem. Merrill and Woodward.

SOCIOLOGY

Professors Swenson, Woodward, Nelson, Hansen; Asssistant Professor Boyle

Lower Division Courses

Courses 11, 12, 13, are prerequisite to all other courses in Sociology. Upper division students register for these courses as 55, 56, 67, for upper division credit.

11 or 55. Introduction to the Study of Sociology. Autumn. M. W. F., 2:30. Three hours credit. Swenson.

This course is designed to give the ground work for social study. Gives a general view of social organizations, social forces and a practical working theory of the nature of society.

12 or 56. Elementary Principles of Sociology.—Winter. M. W. F., 2:30 Three hours credit. Swenson.
Continuation of course 11.

13 or 57. Social Problems.—Spring. M. W. F., 2:30. Three hours credit. Swenson.

A discussion of concrete social problems.

41. Juvenile Sociology.—Autumn, T. Th., 9:30. Two hours credit. Boyle.

This course deals with the educational problems of the adolescent, as related to the home, the school, industry, the community, and his own group. The child's moral equipment, his social traits, and moral and sex education through school subjects. History of juvenile delinquency and the study and treatment of delinquents.

Upper Division Courses

51. Community Organization and Leadership.—Spring. M. W. F., 9:30. Three hours credit. Swenson.

This course deals with the problems of community life and action, and the methods of promoting them through organization and leadership. Special attention will be given Church organizations in their relation to the recreational, ethical, and spiritual life of the community.

52. History and Development of the Mormon Community.—Two hours credit. Nelson.

This course deals with the evolution of the "village" form of community organization among the Latter-day Saints. The social, political, economic, and intellectual characteristics of the early nineteenth century are studied as background material. Subordinate treatment is given to village systems of Europe and Asia, and their possible relation to the Mormon village. Early economic ideals of the Mormon as embodied in the "United Order", together with other plans for "building Zion" are considered.

53. **Rural Sociology.**—Winter. M. W. F., 10:30. Three hours credit. Nelson.

A survey of social conditions in the rural life of America, with special reference to those social processes which are in operation at the present time, such as rural migration, standard of living, town and country relations, and changes in institutional life.

61. **Educational Sociology.**—Autumn. M. W. F., 9:30. Three hours credit. Swenson.

An introductory study of the principles of educational sociology and their application to the theory and practice of school administration, curricula and methods of instruction.

65. **Community Welfare.**—Winter. 9:30. Two hours credit. Swenson. (Not given this year.)

A study of local organizations for social, civic, and philanthropic work. Special emphasis on case work.

66. **Urban Sociology.**—Winter. 9:30. Two hours credit. Swenson.

A study of the evolution and problems of urban life, with special emphasis on the economic, ethical, and political influence of cities on modern society.

70. **Social Control.**—Spring. M. W. F., 8:30. Three hours credit. Swenson. (Not given this year.)

A study of the means of the control of the individual by groups. Such agencies as public opinion, belief, social suggestions, ceremony, personal ideals, etc., will be studied in detail.

75. **The Family.**—Spring. M. W. F., 8:30. Three hours credit. Swenson.

A study of the history and development of the family and its place as an institution in the development of our civilization. The course also considers the modern family and its problems.

81. **The History of Social Theory.**—Winter. M. W. F., 9:30. Three hours credit. Swenson.

The course deals with evolution of social theories beginning with Plato and considering the developments through the early Christian Era and also the Medieval and modern social theorists.

86. **Philosophic Ethics.**—Autumn. T. Th., 11:30. Two hours credit. Woodward.

This course will consist of a brief treatment of the evlution of ethical thought, the principal philosophic problems underlying ethical theory will be discussed, such as: Materialism versus purposive evolution, the nature of good and evil, the problem of the self, a status of values, are we masters of our fates. Immortality, democracy and the moral order. This course is designed to meet state requirements in ethics or sociology. (See Philosophy of Education 86 and Religious Education 81.)

87. **Ethics as Applied to Individual Development.**—Winter. T. Th., 11:30. Two hours credit. Woodward.

The course aims to present a definite technique of character building. It is designed to give specific help to students and teachers interested in the development of the abundant life. It covers such problems as the nature of man, his opportunities for growth and development, the nature of the good life, man's struggle for happiness, the laws upon which happiness depends, and characteristics which make up a satisfactory character, the analysis of the good life. It deals also with a technique designed to assist the student in the development of the power of self-control and self-mastery. This course is designed to meet part of the state requirements in ethics and sociology. (See Philosophy of Education 87 and Religious Education 82.)

89. **Social Ethics.**—Spring. T. Th., 10:30. Two hours credit. Woodward.

This course deals with ethical theory as applied to

our industrial and social problems, the present conflict in moral and ethical ideals, the meaning of democracy, the ethics of modern business, the breakdown of Puritan ethics, Individualism, Christian ethics, the problems of capital and labor, international good will and world peace. This course is designed to meet state requirements in ethics or sociology. (See Philosophy of Education 89.)

90. Labor Problems.—See Economics 59.

91. Labor Legislation.—See Economics 61.

94. Anthropology.—Autumn. T. Th., 11:30. Two hours credit. Hansen.

An introductory course in the study of the science of man. Treated from the standpoint of his antiquity and development as interpreted from paleontological and archeological evidence.

95. American Anthropology.—Winter. T. Th., 11:30. Two hours credit. Hansen.

A study of the American Indian and his place among the races of mankind as interpreted from paleontological data.

96. Cultural Anthropology.—Spring. T. Th., Two hours credit. Nelson.

An analysis of the social institutions of primitive people and how those institutions have developed. The meaning and content of culture. (See Religious Education 96.)

Graduate Courses

101, 102, 103. Research.—Time and credit to be arranged. Swenson.

Opportunity is given for the student to work out a problem in the field of his greatest interest. Direction in the methodology of research in the social science field, and in the presentation of material.

104. Research Methods in Social Science.—Three hours credit. Nelson.

The nature of social science; types of approach to and methods of study of social phenomena. Students should have some knowledge of statistical method before taking the course, or get consent of the instructor.

151. Community Organization.—Spring. M. W. F., 9:30. Three hours credit. Swenson.

152. History and Development of the Mormon Community.—Two hours credit. Nelson.

161. Educational Sociology.—Autumn. 9:30, Three hours credit. Swenson.

169. Advanced Anthropology.—Spring. T. Th., Two hours credit.

181. History of Social Theory.—Winter. M. W. F., 9:30. Three hours credit. Swenson.

185. Social Organization.—Winter. Three hours credit.

186 Philosophic Ethics.—Autumn. T. Th., 11:30. Two hours credit. Woodward.

This course parallels Sociology 86.

187. Ethics as Applied to Individual Development.—Winter. T. T., 11:30. Two hours credit. Woodward.

189. Social Ethics.—Spring. T. Th., 10:30. Two hours credit. Woodward.

190. Labor Problems.—Winter. Three hours credit.

191. Labor Legislation.—Spring. Three hours credit.

194. **Anthropology.**—Autumn. Two hours credit. Hansen.

195. **Cultural Anthropology.**—Spring. Two hours credit. Nelson.

197. **Research.**—Time and credit to be arranged.

200. **Thesis.**

SPEECH

Professors Pardoe, Cummings, Poulson; Assistant Professor Morley; Mrs. Stewart

Students majoring in this department are required to furnish two years in a foreign language. They may elect one of the two divisisons, Public Speaking or Dramatic Arts. Requirements for Public Speaking are Speech 1, 2, 3, 11, 42, 51, 52, 53, 77 or 78, 84p, and 91. Requirements for Dramatic Arts are 1, 11, 12, 22, 42, 43, 62, 72, 73, 81p, 87p and 91.

It is advisable to register for Physics 11, Psychology 11 and 70.

Lower Division Courses

1. **Principles of Speech.**—Autumn. M. W. F., 1:30. Three hours credit. Pardoe.

The elements of speech, proper carriage, and simple outline of speeches constitute the major portion of this course. The overcoming of self-consciousness, and the ability to feel at ease developed to a profitable conclusion.

2. **Open Forum Discussion.**—Winter. M. W. F., 1:30. Three hours credit. Pardoe.

Encouragement and practice in extemporaneous speech and application of speech principles. Methods of vocabulary building.

3* **Speech Analysis.**—Spring. M. W. F., 1:30. Three hours credit. Pardoe.

The study of masterpieces and models of speech composition. Practice, in delivery and analysis. Much of this course is planned for platform practice, extemporaneous and impromptu. Individual needs especially motivated.

11. **Elementary Elocution.**—Autumn. T. W. Th. F., Sec. 1, 8:30; Sec. 2, 9:30. Four hours credit. Morley.

Fundamental principles of speech arts. Thought analysis and methods of expression constitute the major portion of this course.

12. **Classical Literature.**—Winter. T. W. Th. F. Sec. 1, 8:30; Sec. 2, 9:30. Three hours credit. Morley.

Application of the elements of reading to great scenes of classical literature. Voice and body technique are scientifically treated with relation to their importance to the art of interpretation.

13. **Dramatic Monologue.**—Spring. M. W. F. Sec. 1, 8:30; Sec. 2, 9:30. Four hours credit. Morley.

Special attention is given to the dramatic monologue and soliloquy. The ability to project thought analysis without losing the spirit of the selection is given special attention.

21. **Interpretative Literature.**—Autumn. M. W. F., 10:30. Three hours credit. Morley. Courses 11, 12, and 13 are prerequisites.

A study of thought and emotion with relationship to the printed page. Character delineation forms a great portion of the work. American authors are given special consideration.

22. **Dialogue and Scene Presentation.**—Winter.

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*Classes in speech are divided for best individual attention as registration warrants.

M. W. F., 10:30. Three hours credit. Morley. Courses 11, 12, 13, prerequisites.

The great scenes from Shakespeare, Dickens, Tennyson, Bulwer-Lytton, Goldsmith, and Sheridan form a basis of the course. Character analysis and presentation.

42. Practical Phonetics.—Winter. T. Th., 1:30. Two hours credit. Cummings.

A course prescribed for all majoring in speech. Given to aid students to acquire a better understanding of English and foreign diction. (See Department of Modern and Classical Languages, Phonetics 42.)

43. Representative Dialect.—Spring. M. W. F., 10:30. Three hours credit. Pardoe. Speech 42 is a prerequisite.

A study of dialect as an element of humor in interpretation.

Upper Division Courses

51. Advanced Speech Composition.—Autumn. M. W. F., 8.30. Three hours credit. Pardoe.

An intensive study of the organization of advanced forms of public speaking and practical experience in their delivery.

52. Argument and Debate.—Winter. M. W. F., 8:30 Three hours credit. Pardoe. Prerequisite, English 1, 2, 3, or Speech 1 and 2.

A study of the principles of argument followed by a series of debates on current questions. (See English 6.)

53. Religious Public Speaking.—Spring. M. W. F., 8:30. Three hours credit. Pardoe.

A course designed for students preparing for the mission field and for those who wish to participate in the public speaking activities of the church.

61. Speech Projects.—Autumn. T., 4:30. One hour credit. Pardoe.

A speech seminar studying individual problems.

62. Impersonation.—Winter. Daily, 1:30. Five hours credit. Pardoe.

An advanced course leading to the reading of full programs. Only those who have built a proper voice foundation and can qualify in courses 1, 2, 11, 12, 13 and 22 are eligible. Public recitals form a good portion of the practice work.

71. Acting.—Autumn. M. W. F., 2:30. Two hours credit. Two class hours and one laboratory period per week. Advanced students only. Morley.

A study of the principles governing the art of acting will be made. Practical application of the technique learned will be made in productions prepared for the Little Theatre. Instruction in make-up will form part of the course.

72. Play Production.—Winter. M. W. F., 2:30. Three hours credit. Two class hours and one laboratory period per week. Advanced students only. Morley. Courses 11, 12, 13, 22, prerequisites.

73. Stage Craft.—Spring. M. W. F., 2:30. Two hours credit. Morley. Two class and one laboratory periods per week. Speech 72 prerequisite. It is suggested that students also take Art 21 as a preparation for this course.

This is a practical course in design, construction and handling of scenery, costumes, properties lighting, employed in present-day theatrical art.

77. History of Dramatic Production.—Autumn. T. Th., 1:30. Two hours credit. Pardoe.

The Egyptian, Grecian and Roman Theatre. A study of the means employed in the theatrical presentations during the above periods.

78. History of Dramatic Production.—Winter T. Th., 1:30. Two hours credit. Pardoe.

The Oriental theatre and the European theatre from the Romans to Elizabeth.

79. History of Dramatic Production.—Spring. T. Th., 1:30. Two hours credit. Pardoe.

From Elizabeth to the moderns.

81-p. Dramatic Technique.—One hour credit per quarter for each recitation per week. Pardoe, Morley, Stewart.

An intensive individual course in advanced interpretation. A careful analysis and study of human emotions and their portrayal, bodily coordination, pantomime, gesture. Time and fee to be arranged with instructor.

84-p. Public Speaking.—One hour credit per quarter for each recitation per week. Pardoe, Morley.

An intensive individual course designed for those who desire to concentrate on organization and delivery of the more advanced forms of public speech. Time and fee to be arranged with instructor.

87-p. Voice and Speech Improvement.—Oue hour credit per quarter for each recitation per week. Pardoe, Morley, Stewart.

An intensive individual course designed to help the student replace bad, with good speech habits with particular attention to development of a pleasing, well-modulated speaking voice. Time and fee to be arranged with instructor.

91. Methods of Teaching Speech.—Spring. T. Th., 8:30. Two hours credit. Morley.

Organization of high school departments of speech. Selection of materials and methods to be employed in speech teaching. (See Secondary Education 68.)

Graduate Courses

105. Psychology of Speech.—Spring. T. Th., 8:30. Two hours credit. Poulson. (See Psychology 105.)

123. Dialect Research.—Spring. M. W. F. Laboratory, two hours per week. Three hours credit. Pardoe. Speech 42 and 43 are prerequisites.

131. Technique of Play Writing.—Winter,Spring. Three hours credit. Pardoe.

132. Technique of Play Writing.—Three hours credit. The writing and producing of original plays, with emphasis laid upon western themes. The virgin field of mountain and pioneer stories will furnish major material. Time to be arranged. Pardoe.

171. Acting.—Autumn. M. W. F., 2:30. Two hours credit. Morley.

172. Play Production.—Winter. M. W. F., 2:30. Two hours credit. Morley.

173. Stage Craft.—Spring. M. W. F., 2:30. Two hours credit. Morley.

177. History of the Drama—(Ancient).—Autumn. T. Th., Pardoe.

178. History of Dramatic Production.—(The Oriental Medieval Theatre.)—Winter. T. Th., 1:30. Two hours credit. Pardoe.

179. History of Dramatic Production.—Includes the Elizabethan period to Ibsen.

191. Methods of Teaching Speech.—Spring. T. Th. Two hours credit. Morley.

194. Speech Correction.—T. Th. Time to be arranged. Pardoe. Speech 105 a prerequisite.

200. Thesis.—Three to five hours credit. Time to be arranged. Individual research upon a problem of importance to speech. Ability to conduct experiments necessary and subject must be submitted for work during three quarters. Pardoe.

ZOOLOGY AND ENTOMOLOGY

Professor Tanner; Dr. Cullimore, Dr. Oaks, Dr. Merrill Mr. Hayward.

Students majoring in this department must complete courses 11, 30, 55, 56, 71, 75, 78, 80, 82, and 94. Substitution of other courses is permitted in special cases. Students are also advised to complete two years of German and French if they contemplate doing advanced work in Zoology or Entomology.

Students who expect to study medicine may take Zoology for their major subject and complete the courses advised or they may take the following courses: 11, 55, 56, 71, and 72.

Students who desire to teach Biology in the High School should complete the following courses: 11, 20, 30, 55, 56, 65, and 71; Botany 12, 21, and 55.

Facilities for the Study of Zoology and Entomology

The natural history collections consist of a very complete collection of Utah fish, amphibians, reptiles, birds, and mammals. This collection is also supplemented by the Chester Van Buren collection of birds from Magdalena River of Colombia, South America, which consists of over a thousand skins; and the David Starr Jordan collection of fish from the Hawaiian Islands. The Entomological collection contains authoritatively named specimens in all the orders of insects. The pinned insects are placed in four hundred trays, 18x19 inches in size, two inches deep. The specimens are pinned in unit boxes. The Lepidoptera collection is a very complete one of Utah and the Great Basin region. It contains over six hundred named

species and ten thousand specimens. It is made up of the famous Tom Spalding collection and the Chester Van Buren collection. The Coleptera collecton contains over five thousand determined species and thirty-five thousand specimens It contains a very complete collection of weevils, 280 species from the Blatchley collection.

A well equipped laboratory is maintained at the mouth of Provo River on the East shore of Utah Lake. This provides ample facilities for careful study of this interesting fresh water lake.

ZOOLOGY

Lower Division Courses

11. General Zoology.—Autumn and Spring. T. Th., 10:30. Laboratory, Autumn. T. 1:30 to 3:30; Spring. Th., 1:3013:30. Three hours credit. Tanner, Hayward.

Fundamentals of structure, physiology, development, heredity, adaptations, classifications, and bearing of Biology on human life.

20. Health Education.—Autumn, Winter, Spring. M. W. F., 1:30. Three hours credit. Cullimore, Oaks, Merrill, Hayward.

Practical course in personal hygiene. Built upon principles of physiology, and designed to give specific as well as general information concerning questions of personal health. It is also a prerequisite to Zoology 58 in meeting Utah State Board of Education health education requirements for teachers.

23. Animal Ecology.—Spring. M. W., 9:30, laboratory W., 2:30-5:30. Three hours credit. Tanner.

This course will consist of lectures and field work. the environment, natural habitats, adaptions, relationships of organisms, and distribution of species and communities will be considered.

Upper Division Courses

55. **Invertebrate Zoology.**—Winter. T. Th., 8:30. Laboratory M. W., 1:30 to 4:30. Four hours credit. Tanner, Hayward.

This course is designed to follow Zoology 11, and is intended to give the students a broader knowledge of the morphology and relationship of the invertebrate groups. Much emphasis will be placed upon the invertebrate life of the Great Basin region. Considerable time will be spent on the phylum Arthropoda.

56. **Vertebrate Zoology.**—Spring. T. Th., 8:30. Laboratory, M. W., 1:30 to 4:30. Four hours credit. Tanner, Hayward.

A general course dealing with the habits and the geographical distribution of the vertebrate species. Much time will be devoted to a study of the fish, amphibians, reptiles, birds and mammals of the Great Basin.

57. **Ornithology.**—Spring. T. Th., 7:30. Laboratory, Th., 1:30-3:30. Three hours credit. Hayward. Prerequisites, Zoology 11 and 56.

A course in the evolution, structure, classification, and distribution of birds, with special reference to the Utah species. There will be several field trips including an all-day trip to Bear River Bay Region.

58. **Health Education for Teachers.**—Autumn, Winter, Spring. T. Th., 1:30. Two hours credit. Cullimore, Oaks, Merrill.

Designed especially for those who are preparing to teach in the public schools. Open to juniors and seniors. This course deals primarily with teachers' particular problems in posture, nutrition, hygiene of the nervous system, detection of physical defects, school room hygiene and sanitation. Designed with Zoology 20, to meet Utah State Board of Education re-

quirements in health education for teachers. Prerequisite, Zoology 20.

59. **Ichthyology.**—Winter. M. W. F., 8:30. Three hours credit. Tanner.

An introductory course dealing with the problems relating to the life history of fishes, classification of species found in this region, and a study of the ecology of the Great Basin fishes.

65. **Human Physiology.**—Spring. M. W. F., 7:30; laboratory T., 1:30-4:30. Five hours credit. Cullimore, and Hayward.

This course is designed to give the student a working knowledge of the life processes as they function in man. The properties of living matter will be studied as a basis for understanding the mechanism of the specialized systems of the human body. Prerequisite, Zoology 11.

71. **Histology.**—Autumn. M., 9:30; Laboratory, M. W. F., 1:30-4:30. Three hours credit. Tanner, Hayward. (Not given this year.)

Microscopic structure of the tissues and organs of animals. Practical training in fixing tissues, embedding, sectioning, staining, and mounting of permanent specimens.

72. **General Embryology.**—Autumn. F., 1:30. Laboratory six hours a week. Three hours credit. Tanner.

An introduction to the study of the development of the individual animal. The general topics which are discussed in lectures and studied in the laboratory are the germ cells and their formation, fertilization of the egg, cleavage of the egg, the formation of the germ layers. The origin and development of the organs and organ-systems of vertebrate animals are studied.

73. **Aquatic Zoology.**—Autumn. M. W. F., 9:30. Three hours credit. Tanner.

A general course in the study of fresh water animals of Utah Lake. A study of aquatic habitats is made in connection with field and laboratory work, involving the collection and identification of the more significant invertebrates, the determination of life histories, the study of structural and physiological adaptations, and an analysis of the chemical, physical, and biological factors operative in each complex. A series of lectures dealing with the more fundamental principles of limnology supplement the field and laboratory work. The course is planned for prospective teachers of biology as well as those who expect to major in Zoology. The work will be conducted at the Lakeside Biological Laboratory which has been established at the mouth of Provo River and on the shores of Utah Lake. A commodious building and equipment provides facilities for the study of the many problems of this fresh water lake.

75. History of Biology.—Winter. T. Th., 10:30. Two hours credit. Tanner.

A study of the development of biological thought from the time of the earliest writers to the present.

Evolution and Genetics.—Winter. M. W. F., 10:30. Three hours credit. Prerequisite, some laboratory course in Zoology or Botany. Hayward.

The cell as the physical basis of heredity; the germ cycle, variation, mutation, Mendelism, inheritance of acquired characteristics, pure lines, sex determination, and the general problems of descent are discussed in the light of recent experimental data.

79. Eugenics.—Spring. M. W. F., 10:30. Tanner. (Not given this year.)

This course will stress such problems as, the laws of natural inheritance, population problems, environment, reform, marriage and divorce, and state aid for education. A study of the biological foundations of society will also be made. Prerequisite, some laboratory course in Zoology or Botany or Genetics.

80, 81. Seminar.—Autumn, Winter. One hour credit each quarter. Time to be arranged. Tanner, Hayward.

Required of all majors in this department during their junior and senior years.

85. Fresh Water Zoology Problems.—Spring. Time and credit to be arranged. Tanner.

Special problems dealing with the plankton, mollusks, insects, fish, etc., of the lake. Problems will be assigned to individual students. Previous zoological work is a prerequisite. The work will be conducted at Lakeside Biological Laboratory.

93. Field Zoology.—Time and credit to be arranged. Tanner.

Open only to students majoring or minoring in Zoology and Entomology. Students may make extensive collections of the animal life of this state or adjoining states and then make a report on the same. The report and collection must be left with the university. This course aims to give the student training in systematic Zoology and museum work.

ENTOMOLOGY

Lower Division Courses

30. Elementary Entomology.—Autumn. T. Th. F., 1:30 to 3:30. Three hours credit. Hayward.

This course is intended to interest students in insect life. A study of the structure, development and classification of some of the more important insects will form a basis of this course.

34. Economic Entomology.—Field, Orchard and Garden Insects.—Autumn. M. W. F., 2:30 to 5:30. Three hours credit. Tanner.

A study of the principal injurious and beneficial insects of the field, orchard and garden. Will include

field laboratory, and bibliographic work. Prerequisite course 30.

Upper Division Courses

61. Morphology of Insects.—Winter. Laboratory. M. T. W. Th., 1:30 to 4:30. four hours credit. Tanner and Hayward.

It is the purpose of this course to teach the structures of insects and the importance of these structures in a systematic study of insects. A few typical insects will be thoroughly studied.

62. Insect Classification.—Spring. Afternoon laboratory periods to be arranged. Three to five hours credit. Tanner and Hayward.

Students will collect and study systematically the insect fauna of the Provo region. Prerequisite course 61.

63. Arthropods of the Intermountain States.—Spring. M. W. F., 10:30. Three hours credit. Tanner.

A general course dealing with the morphology, physiology, and classification of the Arthropods of this region. An important course for all majors in Zoology.

64. Advanced Entomology.—Winter and Spring quarters. Time and credit to be arranged.

Open only to advanced students who are prepared to do systematic, morphological, or economic work.

94. Principles of Nomenclature.—Winter. M., 4:30. One hour credit. Tanner.

A lecture course dealing with the principles of nomenclature and intended to meet the needs of students from any of the biological departments.

Graduate Courses

102, 103, 104. Special Problems in Systematic Entomology.—Time and credit to be arranged.

Studies in the structure and classification of certain groups of insects as Coleoptera, Diptera, Hymenoptera, etc.

105, 106. Research Work in Insect Morphology.—Time and credit to be arranged.

Special emphasis will be placed upon the morphology of the beetles. However students may choose any group for detailed study.

107, 108, 109. Special Problems in Economic Entomology.—Time and credit to be arranged.

The student is here given an opportunity to make a more or less detailled study of some insect of group of insects of economic importance. Students are incouraged to do considerable life history work.

110, 111, 112. History of Entomology.—A one hour lecture or seminar course required of all graduate students. Time and Credit to be arranged.

113, 114, 115. Research Work in Systematic and Economic Ornithology.—Time and credit to be arranged.

117, 118, 119. Zoological Research.—Time and credit to be arranged.

This course is open to all students prepared to do graduate work in any branch of zoological science.

200. Research.—Thesis. Credit by arrangement.

This course is required of all students seeking a master's degree in this department.

Extension Division

FACULTY

LOWRY NELSON, Director

FRANKLIN STEWART HARRIS, President
GEORGE H. BRIMHALL, Religious Education
LOWRY NELSON, Rural Social Economics
ALFRED OSMOND, English
CHRISTEN JENSEN, History and Political Science
ELBERT H. EASTMOND, Art
AMOS N. MERRILL, Secondary Education
EDWARD H. HOLT, Office Practice
BENJAMIN F. CUMMINGS, Languages
THOMAS L. MARTIN, Agronomy
HUGH M. WOODWARD, Philosophy of Education
WILLIAM J. SNOW, History
T. EARL PARDOE, Speech
M. WILFORD POULSON, Psychology
VASCO M. TANNER, Zoology and Entomology
GERRIT DE JONG, Languages
HERALD R. CLARK, Finance and Banking
GEORGE H. HANSEN, Geology and Geography
ELMER MILLER, Economics
MILTON MARSHALL, Physics
GUY C. WILSON, Religious Education
HARRISON R. MERRILL, English
J. M. JENSEN, English
C. S. BOYLE, Accounting and Business Administration
ELIZABETH CANNON, Home Economics
EFFIE WARNICK, Home Economics
WAYNE B. HALES, Physics and Mathematics
IDA SMOOT DUSENBERRY, Psychology
WILLIAM H. SNELL, Mechanic Arts
ASAEL C. LAMBERT, Educational Administration

EDGAR M. JENSEN, **Educatonal Administration**
ALONZO J. MORLEY, **Speech**
H. GRANT IVINS, **Animal Husbandry**
JOHN E. HAYES, **Registrar**
KIEFER B. SAULS, **Secretary to the President, Purchasing Agent**
BERTHA ROBERTS, **Office Practice**
ELSIE C. CARROLL, **English**
W. ELMO COFFMAN, **Science**
G. LYNN HAYWARD, **Zoology**
BERTRAND F. HARRISON, **Botany**
C. LAVOIR JENSEN, **Mathematics**
KNIGHT ALLEN, **Accounting and Business Administration**
MRS CHRISTEN JENSEN, **English**
MRS. NELLIE S. THORNTON, **English**
J. F. WAKEFIELD, **Apiculture**

Never before in the world's history were so many people attending college. But great as has been the increase in enrollment of residence students, it does not compare with the remarkable growth of what has come to be termed "Adult Education." Adults can learn as readily as younger people, if they apply themselves with equal attentiveness. This has been demonstrated scientifically in recent experiments.

Doubtless, the growth of adult education is partly due to the necessity of people learning new things. The development of science and invention has been so rapid in recent years as to literally flood the earth with strange new devices. Old occupations have been destroyed and new ones created. All people have been made aware of the interests and problems of others as a consequence. There has come an amazing demand from the general population for instruction suited to its needs.

The Extension Division brings the University de-

partments of instruction to your door. If you would study history, literature, mathematics, or practically any other subject in the University, you can now study it under expert guidance through the Home Study Bureau.

Directed Home Study

Hundreds of students are enrolled annually in courses, the instruction in which is carried on by the correspondence method. This method has the advantage of placing the student in direct touch with the instructor and allowing him to study at home at hours suited to his convenience.

Extension Division Aims

To render service to those ninety-nine out of every hundred citizens, who, it is estimated, are unable to take advantage of the benefits of attending an educational institution, is the chief aim of the Extension Division of the Brigham Young University. To this end, correspondence courses and extension classes are offered to the public at a reasonable rate. Indeed, instruction by extension methods is more reasonable in Utah, than in the vast majority of states of the Union. Courses may be taken for credit or not.

Method of Instruction

After filing the application for enrollment and paying the fee, the student is sent the assignments of the course. He is given full instruction as to the required reading and preparation of his lesson, including questions to test his knowledge of the ground covered.

After preparing for recitation, the student does the required written work and mails it to the Extension

office. This paper is criticized by the instructor, graded and returned to the student.

Each correspondence course carries credit equivalent to the corresponding courses in residence and therefore covers a definite amount of work. Most of the courses contemplate the students preparing about five assignments for each quarter hour of credit received.

Regulations

1. No degree is offered for work done wholly in absence.

2. A student may begin at any time a course for which he is prepared, and must complete it within a year from the time he registers. He must distribute his reports with approximate evenness throughout the period of study. Each assignment is aimed to cover about a week's study in that particular subject provided the student spends about an hour a day. If he desires to send in more than two assignments a week, he should obtain permission from the instructor. Reports may be rejected if the student attempts to compress his work unduly. This is considered to be a practice which is not conducive to the most satisfactory work.

3. A student may not take correspondence work while in residence without the consent of the Dean concerned.

4. A student who does not report either by letter or lesson within a period of ninety days may thereby forfeit his right to further instruction in the course.

5. Unless otherwise stated examinations are required in all courses before credit is given. These examinations must be supervised by a responsible school official. Where it is convenient, the examination should be taken at the University.

Entrance Requirements

Registration for extension courses demands the same entrance requirements as do courses in residence. That is, matriculation for college courses presupposes sixteen units of high school work. However, exception may be made in favor of mature students, or those who have practically completed their high school work.

Fees

The charge for correspondence courses is at the rate of $2.50 a credit hour, except as indicated in some courses, with a minimum fee of $5.00.

Fees will not be refunded because of inability of the student to continue a course for which he has registered. Permission to change to some other course may be given, however.

Extension Classes

The faculty of the school goes out into the communities and organizes regular classes which receive very much the same instruction as do residence students in corresponding courses. These classses are designed to meet the needs of persons who are not residence students of an educational institution. The usual procedure where such a class is desired is for the group to send to the Extension Division for an instructor.

Lectures and Entertainments

Members of the faculty have addressed or entertained in the neighborhood of two hundred thousand people in Utah and surrounding states during each of the past few years. These lectures and entertainments

have for the most part been free except for transportation charges. The Extension Division, however, offers a regular lyceum course consisting of high class lectures and entertainments, for which a nominal charge is made.

Social Service

In this department there is included miscellaneous service consisting of recreation, club programs, plays and pageants, visual education, package libraries, etc.

Publications

The Extension Division publishes from time to time circulars of general or specific interest. These circulars may be on any one of a wide number of subjects. In fact, any department of the University may have the opportunity of publishing material through this bureau as far as resources will permit.

Leadership Week

The first annual Leadership Week was held in January, 1922. Since that time it has been an annual event. In January, 1932, the attendance represented 61 stakes of the Church. About twenty short courses were given.

CORRESPONDENCE COURSES

Note:

Courses marked "x" are either not given in residence or do not correspond precisely to residence courses in the same subject. All other courses parallel residence courses by the same number.

ACCOUNTING AND BUSINESS ADMINISTRATION

1. Elementary Accounting. Five hours credit. Boyle.

2. Elementary Accounting. Five hours credit. Boyle.

14x. Commercial Art. Two hours credit. Jensen. Fee $7.00.

22. Principles of Marketing. Three hours credit. Allen.

24. Salesmanship. Three hours credit. Allen.

25. Advertising. Three hours credit. Allen.

27. Cooperative Marketing. Three hours credit. Nelson.

30. Commercial Geography. Five hours credit. Hansen.

50. Intermediate Accounting. Four hours credit. Clark.

51. Intermediate Accounting. Three hours crdit. Clark.

52. Intermediate Accounting. Four hours credit. Clark.

61. Personnel Management. Three hours credit. Boyle.

62. Personnel Management. Three hours credit. Boyle.

63. Personnel Management. Three hours credit. Boyle.

74. Principles of Statistics. Three hours credit. Boyle.

75. Business Statistics. Two hours credit. Boyle.

AGRONOMY

21. Root Crops. Four hours credit. Martin.

22. Cereal Crops. Four hours credit. Martin.

23. Forage Crops. Four hours credit. Martin.

41. Soils. Three hours credit. Martin.

92. Bacteria in Relation to Soil Fertility. Three hours credit. Martin.

94. History of Agriculture. Three hours credit. Nelson.

99. Agricultural Literature. Credit to be arranged. Martin.

ANIMAL HUSBANDRY

2. History of Breeds of Live Stock. Five hours credit. Ivins.

8. Practical Poultry Farming. Three hours credit. Ivins.

ART

14x. Commercial Art. Two hours credit. Jensen. Fee $7.00.

17x. Illustration. Two hours credit. Eastmond. Fee $7.00.

47. Art Pageantry Production. Two hours credit. Eastmond.

BOTANY

21. General Bacteriology. Three hours credit. Martin.

55x. Local Flora. Three or five hours credit. Harrison.

90. Advanced Systematic Botany. Harrison.

DRAWING

4. Drawing. Two hours credit. Snell.

5. Drawing. Two hours credit. Snell. Prerequisite 4.

6. Drawing. Two hours credit. Snell. Prerequisite 5.

10. Instrumental Perspective. Two hours credit. Snell. Prerequisite 4, 5, 6 or equivalent.

13. Architectural Drawing. Two hours credit. Snell. Prerequisite 4, 5, and 6.

14. Architectural Drawing. Two hours credit. Snell. Prerequisite 13.

15. Architectural Drawing. Two hours credit. Snell. Prerequisite 14.

ECONOMICS

11. Introduction to Economics. Three hours credit Miller.

12. Principles of Economics. Three hours credit, Miller. Prerequisite, Economics 11.

13. Current Economic Problems. Three hours credit. Miller.

31. Cooperative Marketing. (See Sociology 53.). Nelson.

61. Labor Problems. Three hours credit. Boyle.

93. Economic History of Agriculture. Three hours credit. Nelson.

EDUCATION

5. Educational Administration. (See Elementary Education). Three hours credit. Lambert.

50. Rural Education. Three hours credit. Merrill.

ELEMENTARY EDUCATION

5. School Organization and Administration. Three hours Credit. Lambert.

12. Elementary School Curriculum. Three hours credit. Lambert.

22. Hygiene and Sanitation. Three hours credit. Hayward.

PHILOSOPHY OF EDUCATION

74. Rural Sociology. Three hours credit. Nelson. (See Sociology 53.)

81. Science of Education. Four hours credit. Woodward.

86. History of Education. Three hours credit. Woodward.

SECONDARY EDUCATION

53. Organization and Administration. Three hours credit. A. N. Merrill.

55. Secondary Education in the United States. Four hours credit. Merrill.

ENGLISH

1. Rhetoric and Composition. Three hours credit. Thornton.

2. Rhetoric and Composition. Three hours credit Thornton. Continuation of course 1.

3. Rhetoric and Composition. Three hours credit. Thornton. Continuation of Course 2.

4. Business English. Three hours credit. Mrs. Roberts.

5. Newswriting. Three hours credit. Merrill.

11. Advanced English Grammar. Four hours credit. Jensen.

16x-17x. Survey of American Literature. Four hours credit. Mrs. Jensen.

20, 21, 22. Masterpieces of English Literature. Six hours credit. Mrs. Carroll.

21x, 22x, 23x. Survey of English Literature. Six hours credit. Mrs. Jensen.

44x. History and Development of the American Novel. Four hours credit. J. M. Jensen.

51. Feature Writing. Three hours credit. Merrill.

50x, 51x, 52x. Readings in World Literature. Six hours credit. Mrs. Jensen.

53x, 54x, 55x. Readings in World Literature. Six hours credit. Mrs. Jensen.

57. Short Story Writing. Four hours credit. Osmond.

58x. The Modern Short Story. Three hours credit. Mrs. Jensen.

65. Recent Drama. Three hours credit. Pardoe.

76x. Tennyson. Three hours credit. Mrs. Jensen.

86-1x. The Poetry of Robert Browning. Three hours credit. Mrs. Jensen.

86-2x. Continuation of 86-1x. Three hours credit. Mrs. Jensen.

FINANCE AND BANKING

51. Business Finance. Four hours credit. Clark.

52. Continuation of 51. Four hours credit. Clark.

53. Money and Banking. Four hours credit. Clark

54. Investments. Four hours credit. Clark.

GEOLOGY AND GEOGRAPHY

1. Survey Course. Four hours credit. Hansen.

30. Geography of Economic Products. Five hours credit. Hansen.

80. Human Geography. Three hours credit. Hansen.

HISTORY

1x. History of Modern Europe 1500-1680. Three hours credit. Snow.

2x. History of Modern Europe, 1689-1815. Continuation of course 1. Three hours credit. Snow.

3x. History of Modern Europe, 1815 to present time. Three hours credit. Snow.

18x or 51x. History of Civilization. Four hours credit. Snow.

20, 21, 22. American History. Nine hours credit. Jensen.

HOME ECONOMICS

10x. Elementary Nutrition. Two hours credit. Cannon

80. Household Administration. Three hours credit. Warnick.

MATHEMATICS

11. College Algebra. Five hours credit. Marshall.

12. Plane and Spherical Trigonometery. Five hours credit. Marshall.

50. Differential Calculus. Four hours credit. Hales.

GERMAN

13x. Directed German Reading. Three hours credit. Prerequisite, ten hours of German.

57x, 58x, 59x. Directed German Reading. Three hours credit for each course. Prerequisite, fifteen hours of German.

67x. German Composition. Three hours credit. Prerequisite, eighteen hours of German.

FRENCH

13x. Directed French Reading Three hours credit. Prerequisite, ten hours of French.

57x, 58x, 59x. Directed French Reading. Three hours credit for each course. Prerequisite, fifteen hours of French.

67x. French Composition. Three hours credit. Prerequisite, eighteen hours of French.

SPANISH

13x· Directed Spanish Reading. Three hours credit. Prerequisite, ten hours of Spanish.

57x, 58x, 59. Directed Spanish Reading. Three hours credit for each course. Prerequisite, fifteen hours of Spanish.

67x. Spanish Composition. Three hours credit. Prerequisite, eighteen hours of Spanish.

OFFICE PRACTICE

11-12. Gregg Shorthand. Eight hours credit. Mrs. Roberts.

31. Business English. Three hours credit. Mrs. Roberts.

PHYSICAL EDUCATION

77, 78, 79. Scoutcraft. (See Religious Education.) Six hours credit. Anderson.

PHYSICS

16. Descriptive Astronomy. Four hours credit. Poulson.

21. Elementary Educational Psychology. Four hours credit. Dusenberry.

74. Advanced Educational Psychology. Four hours credit. Poulson. Prerequisite, three hours of elementary psychology.

RELIGIOUS EDUCATION

3x. Church History. Two hours credit. Brimhall and assistant.

14. Genealogy. Two hours credit. Sudweeks.

19. Doctrine and Missionary Method. Two hours credit. Ivins.

20. History of Religious Propaganda. Two hours credit. Ivins.

21. Missionary Method. Two hours credit. Ivins.

77, 78, 79. Scout Leadership. Six hours credit. Anderson.

SOCIOLOGY

11-12 or 55-56. Elementary Principles of Sociology. Six hours credit. Nelson.

53. Rural Sociology. Three hours credit. Nelson.

SPEECH

1. Public Speaking. Three hours credit. Pardoe.

51. Advanced Public Speaking. Three hours credit. Pardoe.

72. Theory of Play Production. Three hours credit. Morley.

ZOOLOGY AND ENTOMOLOGY

20. Health Education. Three hours credit. Tanner.

32x. Apiculture. Three hours credit. Wakefield.

93. Field Zoology. Credit to be arranged. Tanner.

HIGH SCHOOL COURSES

ENGLISH

d. A Study of the Types of Literature. One unit credit. Mrs. Carroll.

GEOGRAPHY

a. Economic Geography. One unit credit Coffman.

MATHEMATICS

a. High School Algebra. One unit credit. Jensen.

b. Plane Geometry. One unit credit. Jensen.

c. Second Course in Algebra. One unit credit. Jensen.

d. Solid Geometry. One-half unit credit. Marshall.

Training Schools

AMOS N. MERRILL, Acting Dean of College of Education

EDGAR M. JENSEN, Director, Training Schools

GENERAL SUPERVISORS:

A. N. MERRILL, Secondary Training.
M. J. OLLORTON, Higher Grades
HERMESE PETERSON, Intermediate Grades
EMMA BROWN, Primary Grades

SECONDARY SCHOOL FACULTY

EDGAR M. JENSEN, Principal
C. LAVOIR JENSEN, Junior H. S. Mathematics
WM. F. HANSON, Music
W. ELMO COFFMAN, Mathematics and Science
HUGH. W. PETERSON, Science
STELLA P. RICH, English
MARGARET SWENSON, Home Economics
GLADYS D. BLACK, English and Latin
BILLIE HOLLINGSHEAD, Social Science
FRED DIXON, Physical Education
EDNA SNOW, Biology

ELEMENTARY SCHOOL FACULTY

HERMESE PETERSON, Principal
MAY C. HAMMOND
BARBARA MAUGHAN
GLADYS KOTTER
GEORGIA MAESER
HAZEL CLYDE
JENNIE CAMPBELL
THELMA LUDLOW

ORGANIZATION AND PURPOSE

The Training Schools are organized on a kindergarten 6-3-3 basis; viz: a kindergarten, an elementary division, a junior and a senior high school.

Students enrolled in the training schools have all the advantages of the University plant such as the use of the libraries, gymnasiums, laboratories, shops, athletic fields, auditorium, etc. These enlarged opportunities, with the advantages of expert teachers, make the training schools especially attractive and advantageous to students of elementary and high school age.

Provisions are made for promotions from grade to grade and from one division to another so that pupils may enter either the kindergarten or first grade and remain in continuous attendance until they are graduated from one of the colleges of the University. The educational welfare of the students is safeguarded by an enriched curriculum, in addition, provisions are made for moral and religious training every year the student is in attendance.

Pupils completing the first six grades are regularly promoted to the Junior High School. Here departmentalization begins permitting of variation in courses and a wide range of contact with expert instructors. Entrance to the Senior High School is based upon the completion of the courses outlined for the Junior High School. A maximum of four units plus one year of Theology credit will be allowed for ninth year work to count toward filling group requirements and towards graduation from the Senior High School for those pupils coming from schools which do not maintain a Junior High School.

Students will be graduated from the Senior High School upon completion of twelve units of work in the Senior High School. These twelve units of work must

be secured during three years attendance in Senior High School and must include all the constants prescribed for each year and the sequence of courses prescribed in one of the four curricula. Students graduating from the "General Course", which alone meets definitely the college entrance requirements, must present the following group requirements (1) English, 2 units, (2) a Principal Group of 3 or more units, (3) a Secondary Group of 2 or more units.

Students are required to take the regular courses in physical education during residence at this school. Students are released from this requirement only upon statement of physical disability signed by a competent physician. Satisfactory grades in physical education courses are required for graduation; a maximum of one-half unit of credit may be counted toward graduation for these courses.

All students are required to register for Theology. Students who fail continually to do satisfactory work in their courses in any department will not be permitted to remain in classes.

HIGH SCHOOL ACTIVITIES

Under the direction of the regular teachers and the faculty committee, a full program of athletic and social affairs is provided for the junior and senior high school students.

The senior high school groups have regular social gatherings and recreational activities under faculty supervision and counsel. They have competitive activities in athletics, debating and public speaking, and essay writing. Each year the school produces a play or a musical program. The school is a member of the State High School Debating Association and the Utah High School Athletic Association. In addition to these opportunities for extra-curricular activity a regular High School Student Body organization is maintained

with the various activities that naturally are sponsored by such organizations. The high school students have also the advantage of participation in the regular activities of the University student body life.

THE CURRICULA

Four curricula, or four groups of studies, are provided. As early as the ninth year and not later than the tenth year, pupils with the counsel of the parents and teachers, should make a choice of the group of studies (the curriculum) which they propose to pursue during the remaining years of high school study. This choice should be made with the definite intent of staying in that curriculum until graduation. Any marked deviation from recommended sequences in any given curriculum without very valid reasns will not be permitted. Transfer from one curriculum to another will delay graduation.

CREDIT

Those classes which require outside preparation which meet five days each week for full fifty minutes, and which continue for the full school year of 34 or 36 weeks of actual class work carry one unit of credit. In some cases students may transfer nine hours college credit for one unit of high school credit. The half-unit courses meet daily for half the year or two or three days each week with preparation, or meet daily with no outside preparation, and run throughout the year. There are no "quarters" in high school program as there are in the University.

Students who register late or who discontinue before the end of the school year can receive no higher grade than "Incomplete" until the required work of the course is completed. An incomplete grade carries no credit. Such a grade may be removed within one year and credit received.

SECONDARY TRAINING SCHOOL CURRICULUM

Junior High School

7th Grade

Subjects	Periods
English I	5
Geography	5
Mathematics I	5
Reading	2
Music	2
Sewing	2
Manual Training	2
Religion Class	2
Physical Education & Recreation	3

8th Grade

Subjects	Periods
English II	5
History	5
Mathematics II	5
General Science	3
Reading	2
Music	2
Cooking	2
Shop Work	2
Religion Class	2
Physical Education & Recreation	3

9th Grade

Subjects	Periods
English	5
Community Civics	3
Biology	5
Theology	2
Physical Education	3
Electives	**Periods**
French B	5
Plain Sewing	2

Elementary Drafting	5
Theory of Music	3
Elementary Typing*	5
Algebra	5
Foods or Woodwork	2
Music	2

*(Limited Registration.)

SENIOR HIGH SCHOOL

Constants (Required subjects in all Curricula. Students must register for these subjects.)

10th Grade	11th Grade	12th Grade
English B.— 5 periods Theology B.— 2 Periods Physical Education	English C.— 3 periods Theology C.— 2 periods Physical Education	English D.—* 5 periods Sociology & Economics 5 periods Theology D.— 3 Periods

*Elective but highly recommended.

Curriculum Group Requirements

According to the curriculum or group of studies chosen to be followed by the student, the following are required subjects for graduation:

(1)

General Course

(Leads to College Entrance)

All Constants for the particular year 10th, 11th, or 12th.

Algebra—unless taken in 9th Grade, or

Plane Geometry

(3)

Agriculture and Mechanics

All Constants for the particular year

Agriculture

Shopwork

Physics or Chemistry (Preferably both)

Mechanical Drawing

American History or
European History
Physics or Chemistry

(2)
Home-Making

All Constants for the particular year.
Foods and Cooking
Plain Sewing
Dressmaking
Home Making
Chemistry
Art

(4)
Business

All Constants for the particular year
Accounting A
Accounting B
Shorthand
Typewriting
Commercial Arithmetic—if not taken in the 9th year

Note: Curricula 2, 3, 4, will satisfy all requirements for graduation from the Senior High School. They may not meet College Entrance requirements; curriculum 1 meets College Entrance requirements.

Electives: Courses required in any curriculum group are open as electives to all other Senior High School students who have already met the Constants requirements.

A recommended sequence of subjects in the general course, or Curriculum (1), is as follows:

9th Year	Periods	10th Year	Periods
English A	5	English B	5
Algebra	5	Geom. or Algebra	5
Biology	5	Theology B	3
Theology A	2	Physical Ed.	3
Physical Ed.	3	History	5
		Elective	2-5
		Botany	5

11th Year	Periods	12th Year	Periods
English C	5	English D	5
Theology C	3	Theology D	3
Physical Ed.	3	Prob. Democ. or Civics	5

Physics or Geom.	5	Physics or Chem.	5
Am. or Europ. Hist.	5	Physical Ed.	3
Elective	2-5	Elective	3-5
Botany	5	Botany	5

SENIOR HIGH SCHOOL COURSES

Subject	Days	Classification	Year Taken	Credit
Grammar and Liter.	5	Constant	10th	1 unit
Composition Liter. and Grammar	5	Constant Constant	11th 12th	1 unit 1 unit
Literature	5	Elective	10 to 12	1 unit
Dram. Art	5	Elective	10 to 12	½ unit
Pub. Speak.	3	Elective	9 to 12	1 unit
French A	5	Elective	10 to 12	1 unit
Latin A	5	Gen. Course	10 to 11	1 unit
Spanish				
European History	5	Gen Course	10 to 11	1 unit
Botany	5	Second Semester		½ unit
Am. History	5	Constant	12th	1 unit
Problems of Democracy	5	Gen. Course	9 to 12	1 unit
Algebra	5	Gen. Course	10 to 11	1 unit
Geometry	5	Several	10 to 12	1 unit
Physics	5	Several	12	1 unit
Chemistry	5	Gen. Course	10 to 12	1 unit
Geography	5			
Physiology and Hygiene	3	Elective	10th	½ unit
Foods and Cooking	5	Homemaking	10 to 12	1 unit
Homemaking	2	Homemaking	11 to 12	½ unit
Plain Sewing	2	Homemaking	9 to 12	½ unit
Dressmaking	5	Homemaking	10 to 12	½ unit
Theory of Music	3	Elective	9 to 12	½ unit
Chorus	4	Elective	10 to 12	¼ unit
Orchestra	5	Elective	10 to 12	½ unit
Art	2	Elective	10 to 12	½ unit

El. Accounting	5	Business	10 to 12	1 unit
Adv. Accounting	5	Business	11 to 12	1 unit
El. Typewriting	5	Business	9 to 12	1 unit
Adv. Typewriting	5	Business	10 to 12	1 unit
Shorthand	5	Business	11 to 12	1 unit
Theology	3	Constant	10	½ unit
Theology	3	Constant	11	½ unit
Theology	3	Constant	12	½ unit
Physical Ed. Girls		Constant	9 to 12	
Physical Ed. Boys		Agr. & Mech.	9 to 12	½ unit
Woodwork A. B.	5	Constant	9 to 12	
Drafting A. B.	5	Agr. & Mech.	10 to 12	½ unit
Auto Mechanics	5	Agr. & Mech.	9 to 12	½ unit

Graduates 1931-32

MASTER DEGREES:

Master of Arts

BROWN, ALMON L. D. ..... Ogden
A. B. Degree, University of Utah, 1930.
Major: Zoology and Entomology.
Title of Thesis—A systematical and Morphological Study of the Carabid Genus Brachinus of the United States.

CLARKE, JOHN L. ..... American Fork
A. B. Degree, Brigham Young University, 1931.
Major: Political Sicence.
Title of Thesis—The Consstitutional Doctrines of Mr. Justice George Sutherland.

DAVIS, OWEN M. ..... Provo
A. B. Degree, Brigham Young University, 1932.
Major: Zoology and Entomology.
Title of Thesis—A Preliminary Systematic Study of Utah Noctuids.

HATTON, S. ROSS ..... Provo
A. B. Degree, Brigham Young University, 1931.
Major: Zoology and Entomology.
Title of Thesis—The Fish Fauna of Utah Lake.

MEILING, BESSIE IVERSON ..... Provo
A. B. Degree, Brigham Young University, 1929.
Major: Educational Administration.
Title of Thesis—Amounts of Athletic Activity Engaged in by Women College Students and by Women College Graduates of Brigham Young University.

ROBERTSON, LEROY J. ..... Provo
A. B. Degree, Brigham Young University, 1932.
Major: Music.
Title of Thesis—Instrumental Combinations and Their Relation to Music.

SMITH, JULINA ..... Salt Lake City
A. B. Degree, Brigham Young University, 1931.
Major: History.

Title of Thesis—A Discussion of the Interrelations of the Latter-day Saints and the American Indians.

Master of Science

ALLRED, ELWOOD B. ..... Escalante
B. S. Degree, Brigham Young University, 1927.
Major: Religious Education.
Title of Thesis—A Study of the Religious Attitudes and Concepts of the People of Escalante, Utah, from 1876 to 1930.

BATEMAN, HAROLD CLAUDE ..... Logan
B. S. Degree, Utah State Agricultural College, 1925.
Major: Sociology.
Title of Thesis—The Standard of Living of Rural Families of Clifton, Idaho, as Measured by the Cost of Living.

COFFMAN, ELMO ..... Springville
B. S. Degree, Utah State Agricultural College, 1920.
Major: Geology.
Title of Thesis—A Progress Report of Metals in Utah.

CURTIS, LAVAUN B. ..... Lowell, Arizona
B. S. Degree, Brigham Young University, 1929.
Major: Zoology and Entomology.
Title of Thesis—A Preliminary Study of Utah Membracidae.

FREI, NEWELL R. ..... Santa Clara
B. S. Degree, Brigham Young University, 1928.
Major: History.
Title of Thesis—History of Pioneering on Shoal Creek.

JARVIS, JOSEPH S. ..... Springville
B. S. Degree, Brigham Young University, 1922.
Major: Educational Administration.
Title of Thesis—Trends in Public Expenditures of Money for Roads and for Public Schools in Utah County During the Ten Years 1920—1930.

LOHMOELDER, RUTH P. ..... Provo
B. S. Degree, Detroit Teachers College, 1930.
Major: Educatonal Administration.
Title of Thesis—A Study of the Uses Made of the School Auditoriums in Utah County, Utah.

MARLER, GEORGE D. ..... Thornton, Idaho
B. S. Degree, Brigham Young University, 1927.
Major: Zoology and Entomology.

Title of Thesis—A Systematical and Distributional Study of the Fringillidae of Utah.

MAUGHAN, LUCILE ....Lava Hot Springs, Idaho
B. S. Degree, Brigham Young University, 1931.
Major: Zoology and Entomology.
Title of Thesis—A Systematical and Morphological Study of Great Basin Bombyliidae.

SMITH, MORONI W. ..... Hyrum
B. S. Degree, Utah State Agricultural College, 1922.
Major: Religious Education.
Title of Thesis—A Preliminary Study in the Primitive Outcroppings in the Old Testament.

SWALLOW, O. TRUMAN ..... Meadow
B. S. Degree, Brigham Young University, 1932.
Major: Zoology and Entomology.
Title of Thesis—A Preliminary Limnological Study of Utah Lake.

BACHELOR DEGREES:

COLLEGE OF APPLIED SCIENCE

A. B. Degree

Call, Gaius G. ..... Colonia Dublan, Chih., Mexico
Clayton, Maxine ..... Midvale, Utah

A. B. Degree

Alleman, Helen ..... Springville
Anderson, Maud ..... Manti
Baker, Shirley D, ... Beaver
Braithwaite, Ethylene Potter ..... Bancroft, Idaho
Brown, Myrtle G. ..... Ogden
Bryner, LaPreal ..... Helper
Carlston, Mildred ..... Fairview
Decker, Jesse Smith ..... Snowflake, Arizona
Dotson, Edme H. ..... Coalville
Gourley, Gertrude ..... Pleasant Grove
Haws, Ora ..... Provo
Johnson, Afton Ardell ..... Provo
Johnson, Paul Marvin ..... Provo
Johnson, Vearl S. ..... Provo
Knudsen, Hilda L. ..... Provo
Ludwigson, Emma ..... Pleasant Grove
Miller, Karl A. ..... Salt Lake City
Nicholson, Harry ..... Provo

Oaks, LeRoy ..... South Montpelier, Idaho
Strickler, Beulah ..... Ogden
Whatcott, H. Devello ..... Provo
Wheelwright, Annie L. ..... Ogden
Wing, Mariam D. ..... American Fork
Wright, James E. ..... Hinckley
Wright, Vesta ..... Idaho Falls, Idaho

COLLEGE OF ARTS AND SCIENCES

A. B. Degree

Anderson, Reese H. ..... Springville
Barker, Ellen ..... Ogden
Beniams, Herman N. ..... Provo
Cottam, Howard R. ..... Provo
Cowley, Angus Wayne ..... Venice
Davis, Owen M. ..... Provo
Deuel, Myrtel ..... Richfield
Dixon, Verl G. ..... Provo
Ellsworth, Helen ..... Provo
Eyring, Rose ..... Pima, Arizona
Hansen, Leland A. ..... Richfield
Hasler, Arthur D. ..... Provo
Hicks, Eliza Mae ..... Safford, Arizona
Hodson, Waldo G. ..... Provo
Hutchings, Imri Joseph ..... Midvale
Jacobs, Rigby ..... Ogden
Johnson, Kent W. ..... Provo
King, Gertrude ..... Grace, Idaho
Larsen, Zelda ..... American Fork
Maw, Florence ..... Provo
Morgan, Wendell A. ..... Provo
Nelson, Gwendolyn ..... Provo
Nielsen, Jean C. ..... Idaho Falls, Idaho
Paxman, W. Rulon ..... Provo
Schofield, Pauline ..... Hiko, Nevada
Smith, Ervine F. ..... Pleasant Grove
Smuin, Carma L. ..... Ogden
Waldram, Marie ..... Sugar City, Idaho
Watson, Henry R. ..... Ogden
Westwood, James B. ..... Provo
Whetten, Lester B. ..... Provo
Winterton, Zelma E. ..... Provo

B. S. Degree

Aldrich, Edith May ..... Mt. Pleasant
Clarke, Robert A. ..... American Fork
Condon, David de Lancey ..... Provo

Cullimore, Owen S. ..... Pleasant Grove
Culmsee, Carlton ..... Nada
Dean, Elva Crosbie ..... Provo
Dickson, Mildred ..... Morgan
Hardy, Horace H. ..... Spanish Fork
Hetigg, Tubou M. ..... Tonga, Friendly Is.
Hoover, Dorothy L. ..... Park City
Johnson, Louis A. ..... Mapleton
Johnson, Ruth I. ..... Provo
Johnson, Vard H. ..... Pleasant Grove
Jones, I. Irene ..... Logan
Magleby, McRay ..... Monroe
Olpin, Lawrence Dee ..... Pleasant Grove
Prince, Cleament ..... Gooding, Idaho
Prince, Fenton J. ..... Gooding, Idaho
Richardon, Vernon L. ....Thatcher, Arizona
Robertson, Herbert A. ..... Spanish Fork
Sheppard, George L. ....Pima, Arizona
Skousen, Marvin ..... Chandler, Arizona
Spafford, Louise ..... Provo
Swallow, Truman ..... Meadow
Wells, Claire ..... Lehi

COLLEGE OF COMMERCE

A. B. Degree

Evans, Fred B. ..... Provo
Mangum, Max K. ..... Provo
Nielson, Loya ..... Springville

B. S. Degree

Barton, Harold ..... Blanding
Brown, Don H. ..... Manti
Bullock, Bert K. ..... Provo
Cornaby, Sterling ..... Spanish Fork
Cragun, Frank ..... Provo
Dastrup, Elmer J. ..... Richfield
Durrant, L. Dean ..... Provo
Garrett, J. Raymond ..... Nephi
Hadley, Lloyd T. ..... Ogden
Harding, Curtis P. ..... Payson
Hoover, Bliss ..... Provo
Jex, William Reed ..... Spanish Fork
Kelly, Howard G. ..... St. Anthony, Idaho
Larsen, J. Elmo .... Provo
Lewis, William Crismon ..... Salt Lake City

McBride, Orlando S. ..... Thatcher, Arizona
Matthews, Elmer R. ..... Brigham City
Peters, Elmo C. ..... American Fork
Rasband, Irving K. ..... Heber City
Rasmussen, S. Boyd ..... Richfield
Speckart, Frank R. ..... Provo
Toone, S. Clifford ..... Gooding, Idaho
Toone, Theodore P. ..... Gooding, Idaho
Tregeagle, Delbert Van ..... Provo
Vincent, C. Glen ..... Provo
Washburn, Barr V. ..... Provo
Weight, Reed L. ..... Provo
Whitaker, Warren S. ..... Provo
Wood, Reed A. ..... Holden

COLLEGE OF EDUCATION

A. B. Degree

Boberg, Lowell ..... Draper
Carson, Velda R. ..... Lehi
Haddock, Grove ..... Bloomington, Idaho
Johnson, Vola Mary ..... Pleasant Grove
Kartchner, Virgil D. ..... Pomerene, Arizona
Murdock, Ezra A. ..... Sugar City, Idaho
Tanner, Orea Bean ..... Rexburg, Idaho
Watts, J. Clayton ..... Gunnison

B. S. Degree

Adamson, Lloyd B. ..... American Fork
Allen, Melba Kate ..... Goshen
Anderson, Lawrence E. ..... Manti
Ash, Cecil L. ..... Lehi
Beardall, Anna ..... Springville
Berrey, Alfonzo G. ..... Montpelier, Idaho
Christensen, Maurine L. ..... American Fork
Eldredge, Wilma L. ..... Salt Lake City
Halliday, Nina ..... American Fork
Jenkins, Hyrum ..... Salt Lake City
Jensen, Joel P. ..... Ephraim
Killpack, Theron W. ..... Provo
Lyman, Willis J. ..... Oak City
Merrill, Sarah Lucile ..... Provo
Meservy, Joseph Robert ..... St. Anthony, Idaho
Miner, Orson L. ..... Fairview
Neilson, LaRue Inez ..... Provo
Osmond, Marcia M. ..... Provo
Poulter, Lamont ..... Price

Rasmussen, Irene ..... Fillmore
Reid, Dortha ..... Provo
Seegmiller, Keith L. ..... St. George
Serpa, Richard ..... Twin Falls, Idaho
Sheffield, Donald H. ..... Brigham City
Strauser, Ethel M. ..... Sullivan, Missouri
Thorpe, Charles Christy ..... Axtell
Wilhite, Ada Laverna ..... Buhl, Idaho
Willardson, George C. ..... Ephraim
Wittwer, Reed ..... Santa Clara

COLLEGE OF FINE ARTS

A. B. Degree

Ashby, Mary E. ..... American Fork
Basinger, Walter ..... Missler, Kansas
Bennett, Pauline ..... Provo
Clinger, Morris M. ..... Provo
Collett, Farrell R. ..... Bennington, Idaho
Fjeld, Allan E. ..... Lehi
Garfield, Zoie ..... Draper
Hamblin, Clara ..... St. Johns, Arizona
Jeppesen, Rhodes ..... Provo
Larsen, A. Bardell ..... Mt. Pleasant
Nelson, Boyd ..... Pleasant Grove
Nielson, Exilda ..... Monroe
Robertson, LeRoy J. ..... Provo
Snow, Claude Shipley ..... Provo
Webb, Glenn ..... Lehi
Wentz, Monta ..... Provo

B. S. Degree

Busch, Oscar J. ..... Mancos, Colo.
Christensen, Morris ..... Driggs, Idaho
Fletcher, Floyd E. ..... Vernal
Kuhni, Paul ..... Collinston
Omanson, John A. ..... Provo
Peterson, Raymond F. ..... Pleasant Grove
Storrs, Betha ..... American Fork

NORMAL DIPLOMA

Ashcraft, LaVon ..... Springville
Averett, Fay ..... Springville
Balle, H. Reed ..... Glenwood
Bassett, June ..... Delta

Behrmann, Jane ..... Vernal
Bench, Leonora ..... Fairview
Bennett, Barta ..... Holden
Bigelow, Myrtle ..... Provo
Boyack, Thelma ..... Idaho Falls, Idaho
Brady, Louise ..... Castle Dale
Brockbank, Ila ..... Provo
Christiansen, Mildred ..... Pleasant Grove
Conover, Ada ..... Ferron
Cowan, Alburta ..... Nephi
Cullimore, Bernice ..... Pleasant Grove
Davies, Ramona ..... Provo
Dixon, Ruby ..... Provo
Duke, Enid ..... Heber
Duke, Lola ..... Heber
Edwards, Alice ..... Charleston
Ence, Melba ..... Richfield
England, Dorothy ..... Tooele
Fausett, Flora ..... Price
Finlinson, Virginia ..... Leamington
Garfield, Leona ..... Tremonton
Garfield, Wanda ..... Tremonton
Hales, Thora T. ..... Pleasant Grove
Huish, Carol ..... Payson
Hurst, Lillian ..... Provo
Jacobson, Helen B. ..... Richfield
Jensen, Della M. ..... Spanish Fork
Jensen, Edna ..... Ferron
Jensen, Zola ..... Castle Dale
Johnson, Rachel ..... Springville
Johnson, Stella I. ..... Richfield, Idaho
Jorgensen, Vivian ..... American Fork
Judd, Eva Lina ..... Idaho Falls, Idaho
Liddle, Vadis ..... Payson
Luke, Rosella ..... Junction
Moore, Anna Marie ..... Payson
Neilson, Mona ..... Provo
Nelson, Vivian ..... Redmond
Nielson, Faughn ..... Price
Page, Bernice ..... Riverton
Page, Eileen ..... Goshen
Parker, Grace ..... American Fork
Phillips, Eileen ..... American Fork
Phillips, Gene Y. ..... Brigham City
Reece, Helen R. ..... Payson
Rich, Beth ..... Paris, Idaho
Roberts, Margaret L. ..... Spanish Fork
Roberts, Reva ..... American Fork
Robinson, Fern ..... American Fork

Robison, Alpha	Baker, Nevada
Schofield, Josephine	Hiko, Nevada
Seastrand, Selma	American Fork
Shelley, Ethel	American Fork
Simpson, Lois	Heber
Smith, Julia O.	Ogden
Smith, Norma	Payson
Sorenson, Dortha	Ruth, Nevada
Spencer, Berdene	Escalante
Stevenson, Ilah	Springville
Stevenson, Libbie	Mohrland
Tolboe, Lois	Provo
Wadley, Lucile	Pleasant Grove
Walker, Della	Peoa
Walker, Verle	Peoa
White, Faye	Payson
Youd, Stella	Spanish Fork
Young, Sarah	Provo

GRADUATES WITH HIGH HONORS

Lloyd B. Adamson
Helen Alleman
Robert A. Clarke
Carlton Culmsee
Rose Eyring
Ora Haws
Florence Maw
Orea B. Tanner
Lester B. Whetten
Zelma Winterton

GRADUATES WITH HONORS

Herman N. Beniams
Maxine Clayton
David D. Condon
Helen Ellsworth
Lucile Merrill
Pauline Schofield
Ervine Smith
Marie Waldram
J. Clayton Watts
Monta Wentz

Enrollment of Students

1931-32

In the following list "a" stands for arts and sciences; "ap" for applied science; "c" for commerce; "e" for education; "fa" for fine arts; "s" for summer scool; "G" for Graduate; "S" for Senior; "J" for Junior; "So" for Sophomore; "F" for Freshman; "Un" for unmatriculated; and "Sp" for special.

Aagard, Burnell, c-S ..... Provo
Aagard, Hazel, ss ..... Provo
Abel, John F., a-F, American Fork
Abbott, Ernest C., c-J ..... Provo
Acord, Irma, e-F ..... Provo
Acord, L. Earl ..... Castle Gate
Acord, Ray O., fa-F ..... Price
Adams, Daniel S., ss .... Grantsville
Adams, Delilah B., Sp ..... Provo
Adams, Harlen M., ss ..... Provo
Adams, John H., a-F ..... Provo
Adams, Phyllis, ss ..... Provo
Adamson, Lloyd B., ss-Sp. ....
..... American Fork
Adamson, Zelma, sp. ..... Provo
Alder, Don M., c-F ..... Provo
Aldrich, Edith May, a-S-ss ....
..... Mt. Pleasant
Allan, Blaine W., ep-F ..... Salem
Allan, Verna B., s-So .. Springville
Alleman, Harold, ss .... Springville
Alleman, Helen, ap-S ... Springville
Alleman, Julia D. ss .... Springville
Alleman, Ray S., a-J .... Springville
Allen C. Clinton, e-So ..... Goshen
Allen, Genevieve M., Sp .... Provo
Allen, Joseph K., c-S ..... Provo
Allen, Lorna B., G ..... Provo
Allen, Mark K., G ..... Provo
Allen, Melba K., e-J-ss .... Goshen
Allen, Ruth, Sp ..... Provo
Allen, Ruth, Sp ..... Panguitch
Alexander, LaRay, c-F ... Sp. Fork
Alexander, Payton H., ss, Gunnison
Allred, A. Genile, e-J .. Spring City
Allred, Carl, e-F ..... Monticello
Allred, David H., ep-So .....
..... Raymond, Alberta, Canada
Allred, Elwood B., ss-Sp . Escalante
Allred, Moreho V., ap-F ..... Lehi
Allred, Theras O., ss ..... Provo
Allred, Theras Q., fa-So ..... Provo
Allred, Vance, Sp ..... Ephraim
Andelin, Lavell D., Sp. ..... Provo
Amaru, WiPere K., a-So-ss ....
.....Tolaga Bay, New Zeland
Anderson, Ada, ss ..... Provo
Anderson, Afton, a-So ..... Magna
Anderson, ArVilla G., ss .. Esclante
Anderson, Bert, c-F ..... Provo
Anderson, Dean A., c-J ..... Provo
Anderson, DuAne P., a-So . Gunnison
Anderson, Elliott M., c-J .. Manti
Anderson, Elva, Sp ..... Provo
Anderson, Emma G., sss . Am. Fork
Anderson, Erma, Sp ..... Fillmore
Anderson, Erma, Sp ..... Provo
Anderson, Francis M., a-F ....
..... American Fork
Anderson, Jennie, ss ..... Provo
Anderson, Kenneth G., ss .. Ephraim
Anderson, Lawrence E., e-S .. Manti
Anderson, Leland E., ss .... Mamti
Anderson, Leo V., ap-F ..... Lehi
Anderson, Maud, ap-S ..... Manti
Anderson, Merle, e-J ..... Provo
Anderson, Paul S., c-F .... Emery
Anderson, Reese H., a-S . Springville
Anderson, Rulon D., a-F .. Oak City
Anderson, Victor C., ss ..... Provo
Andreasen, Juel L., a-J ..... Provo
Andrew, Leo G., a-So .....
..... LaGrande, Oregon
Argyle, Afton, a-S ... Spanish Fork
Armstrong, Harold, a-So .... Ogden
Armstrong, Roger C., ss .. Ephraim
Ash, Cecil L., ss-Sp ..... Lehi
Ashby, George M., a-So..Leamington
Ashby, Mary, fa-S .. American Fork
Ashby, R. Morrell, a-So.. Am. Fork
Ashby, Orran T., a-F .. Leamington
Ashcraft, LaVon, e-So .. Springville
Ashton, Ruth, e-So ..... Provo
Ashworth, Elizabeth, ap-J .... Provo
Astin, Merle L., ss .. Salt Lake City
Averett, Fay, e-So ..... Springville
Aycock, T. Edward, c— .... Vernal

Bailey, Harold, c-J ..... Provo
Baker, Elise W., ss ..... Magna
Baker, Shirley D., ap-S .... Beaver
Ball, Uarda, ap-So .....
..... Idaho Falls, Idaho
Ball, Wilburn N., ap-So .... Lehi
Ballard, O. Duane, c-F .... Draper
Balle, H. Reed, c-So .... Glenwood
Ballif, Ariel S., ss .. Menan, Idaho
Ballif, Carma, G-ss .. Preston Idaho
Ballif, Eva, a-J-ss .. Preston, Idaho
Banks, C. Mae, c-F ..... Provo
Barker, Ellen, a-S .... North Ogden
Barnes, J. Ralph, e-F ..... Nephi
Barnett, Shirley B., c-So .... Payson
Barraclough, Don A. r-J ... Beaver
Barrus, Fern, fa-J . Sugar City, Ida.
Barton, Harold, C-S ..... Blanding
Barton, Marie M., ss .. Mt. Pleasant
Barton, Mary Ann, e-Un ..Elko, Nev.
Basinger, Kenneth P., a-F .....
..... Missler, Kansas
Basinger, Walter, fa-S .....
..... Missler, Kansas
Bassett, June, e-So ..... Delta
Bastian, J. Rulon, ss .... St. George
Batchelor, Joie, c-J-ss ..... Provo
Bateman, Harold C., ss-Sp .. Logan
Bateman, Horald M., fa-So. Midvale
Batty, J. Vance, c-F .... Walsburg
Baxter, Edna D., Sp ..... Provo
Baxter, Elwood, ss ..... Pl. Grove
Bay, Elmo V., c-F ..... Richfield
Bayles, Carol, a-F ..... Blanding
Bayles, Mary, ap-So .... Blanding
Bayles, Wesley L., a-So .. Blanding
Bayles, Weston L., c-S .... Blanding
Beal, Beth, C-So ..... Moore, Idaho
Bean, Clara B., ss ..... Payson
Bean, Helen, ss ..... Payson
Beard, Joseph E., ss ..... Wanship
Beardoll, Anna, e-S-ss .. Springville
Beardall, Naomi, Sp ... Springville
Beck, Clayton J., ss ..... Ephraim
Beck, Jay V., a-J ..... Am. Fork
Beck, Nelda, ss ..... Nephi
Beck, Vera M., e-F ..... Sp. Fork
Beckerman, Verda S., e-F .....
..... Los Vegas, Nevada
Bee, Florence, Sp ..... Provo
Behrmann, Jane, e-So ..... Vernal
Belnap, Aldythe, ss .. Almo, Idaho
Belnap, Ida L., ss ... Almo, Idaho
Bench, Leonora, e-So .... Fairview
Bench, Rees E., ss ..... Provo
Benedict, Helen J., ss ..... Levan
Beniams, Herman N., t-S-ss .. Provo
Bennett, Barta, Sp-ss ..... Holden
Bennett, Erma, ss ..... Provo
Bennett, John A., ss ..... Deseret
Bennett, Lowell, e-J ..... Meadow
Bennett, May, ap-F ..... Provo
Bennett, Pauline, fe-S-ss .... Provo
Bennion, Milton L., ss ..... Sandy
Benson, Carmen, c-F .. Preston, Ida.
Benson, Sergene, G ..... Logan
Bentley, LeRoi, ss ..... Tooele
Berlin, Jean, ss ..... Huntsville
Berrett, Edward H., ss .. Menan, Ida.
Berrey, Alfonzo G., ss-Sp .....
..... Montpelier, Idaho
Berry, Wilmont E., a-F .... Provo
Bertotti, George, a-F . Oakland, Cali.
Best, Stanley E., ss . Salt Lake City
Bethers, Hazel, e— ..... Heber
Biddulph, Floyd, a-J ..... Provo
Biddulph, Lowell G., ss ..... Provo
Biddulph, Ruth H., ss . Rexburg, Ida.
Bigelow, Margaret M., Sp-ss .. Provo
Bigelow, Myrtle, e-So ..... Provo
Bigelow, Percival P., Sp-ss .. Provo
Bill, John R., a-So .... Am. Fork
Bingham, Klara, fa-F .... Sp. Fork
Binns, Margaret E., ap-J . Am. Fork
Birch, Ada E., ss ..... Provo
Birch, Virginia, a-F ..... Provo
Bird, Helen, e-F ..... Am. Fork
Bird, Josephine, ss ..... Provo
Bird, K. Leon, c-J ..... Springvile
Bird, Margaret Ann, G.. Springville
Bird, Margaret, fa-F .. Springville
Bird, Marcell W., fa-F .. Springville
Birk, Thornton A., a-F . Am. Fork
Bishop, Duane L, a-So ..... Delta
Bishop, Grant H., a-So ..... Delta
Bissell, Harold J., a-So .. Springville
Bjerregaard, Eliza M., G .... Provo
Bjerregaard, George W., c-F. Provo
Black, U. Thomson, ss .... Deseret
Black, Glen, e-F ..... Ferron
Black, Joy, c-F ..... Fillmore
Black, W. Shirl, ap-F ..... Provo
Blackburn, Mildred M., e-F ....
..... Gooding, Idaho
Blacker, K. K., ss ..... Murray
Blackham, C. Hannah, ss .....
..... Moroni, Utah
Blackwell, Harry, m-So .....
.....Pleasant Grove
Blight, Alexander, ss ..... Eureka
Bluth, Viva S., ss .....
.. Colonia Juarez, Chih., Mexico
Boberg, Lowell J., e-S ..... Draper
Bodily, Theora, ap-F .....
..... Preston, Idaho
Bodine, Harry L., e-F .....
..... Evanston, Wyoming
Bone, George, a-F ..... Lehi
Bonnett, Mae, Sp ..... Provo
Bonomo, Fred C., c-F ..... Price
Booth, Wilson, a-F ..... Provo
Bosh, Merie A., ss ..... Levan

Boucher, Orion G., fa-F .... Magna
Bounous, Cester C., ap-So .. Provo
Bowen, Allie, e-J .... Spanish Fork
Bowen, Shirley, a-F .. Spanish Fork
Bowen, Wendell M., c-F .....
..... Spanish Fork
Bower, Bernice G., Sp ..... Provo
Bower, Helen L., a-F ..... Provo
Bowles, Virginia, e-F ..... Nephi
Bown, Max D., a-F ..... Provo
Boyack, Archie R., ss .....
..... Lovell, Wyoming
Boyack, Clifton D., a-F ..... Delta
Boyack, David R., c-So .....
..... Spanish Fork
Boyack, Hazel N., ss .....
..... Lovell, Wyoming
Boyack, Thelma, ss .. Spanish Fork
Boyce, Paul, a-F ..... Provo
Boyden, Bess, Sp ..... Provo
Boyer, Fern, a-F ..... Springville
Boyer, Helen, a-J ..... Springville
Boyer, Louise, a-F ..... Provo
Boyle, Clarence S., G ..... Provo
Boyle, Elfie B., Sp ..... Provo
Bradford Reed H., a-So .....
..... Spanish Fork
Brady, Louise, e-So .... Castle Dale
Brady, Stanley, ss ..... Fairview
Braithwaite, Ethylene P., ap-S ..
..... Bancroft, Idaho
Braithwaite, Lola R., e-J-ss ....
..... Arco, Idaho
Bramwell, Wendell, c-J-ss .....
..... Ogden, Utah
Brand, Clarabelle, e-F .. Chicago, Ill.
Braun, Gordon E., a-J ..... Ogden
Brasher, Kirk, ap-F ... Huntington
Breinholt, Harden W., c-J ... Manti
Breinholt, Herbert C., Sp .. Provo
Brewer, J. Harold, e-F .....
..... St. Charles, Idaho
Brian, D. Fount, ss ..... Loa
Brimhall, Sina, c-S ..... Provo
Bringhurst, Carma, e-J .....
..... Lovell, Wyoming
Brinley, Eldon, sss .. Pleasant Grove
Britsch, Ralph A., a-J ..... Manti
Broadbent, Berne P., ss .....
..... Thatcher, Ariz.
Broadbent, Leah, ss .... Heber City
Broadbent, Marden, ap-So ....
..... Heber City
Broadbent, Mary, c-F .. Heber City
Brockbank, Ila, e-J ..... Provo
Brockbank, Mark J., a-J ....
..... Spanish Fork
Brown, Almon L. D., G .... Ogden
Brown, Don H., c-S ..... Manti
Brown, Evelyn, G. ..... Manti
Brown, Henry D., a-Un .... Provo
Brown, Jack T., fa-F ..... Manti
Brown, Joseph L., ap?S .....
..... Grantsville
Brown, H. Kenneth, a-J .... Ogden
Brown, Lisle G., e-F ..... Provo
Brown, Lawrence A., a-Un .. Provo
Brown, Mary, ap-So .... Grantsville
Brown Maurine, fa-F ..... Provo
Brown, Milton, T., a-J ..... Ogden
Brown Myrtle G., ss-Sp ... Ogden
Brown, F. Ray, a-J ..... Provo
Brown, Roy J., a-F ..... Provo
Brown, Ruth, fa-So ..... Provo
Brown, Spencer J., ss ..... Provo
Brown, Virge N., a-So .. Annabella
Brown, Virginia, ss .. Salt Lake City
Brugger, Gwen a-So ..... Venice
Brunt, Clarice, a-So .....
..... Idaho Falls, Idaho
Bryner, F. LaPreal, ap-S .. Helper
Buchanan, Ray, fa-So ... Richfield
Buckley, Helen, a-F .. Salt Lake City
Buckley, Margaret L., c-F .. Provo
Budge, Newell R., G. .. Paris, Idaho
Budge. Taft P., a-F .. Paris, Idaho
Buehler, J. Clyde, c-J ..... Ogden
Bullock, Bert K., c-S ..... Provo
Bullock, Dean O., ap-J .....
..... Pleasant Grove
Bunderson, Leila V., fa-So . Emery
Bunker, Ardyce, ss .....
..... Bunkerville, Nev.
Bunker,E. Carlyle, c-J ..... Provo
Bunker, S. Bertell, c-J ..... Provo
Bunnell, Elvin W., a-So .... Provo
Bunnell, Stephen R., a-J .....
..... Spring City
Bunten, Glenn, a-F .....
..... American Fork
Burt, Taylor C., a-F ... Springville
Burton, Blanche, Sp ..... Nephi
Butt, Ethel C., G ..... Provo
Buttle, Grant, c-J ..... Provo
Busch, Oscar, Sp .... Mancos, Colo.

Calder, Helen, ap-F ..... Vernal
Calder, Howard B., c-So .... Vernal
Calderwood, Ray G., Sp .... Provo
Calderwood, Wm. Earl, ss ....
..... Henefer
Call, Gaius D., ap-S .....
.. Colonia Dublan, Chih., Mexico
Call, Helena, ap-So..Pocatello, Idaho
Callahan, Wm. Guy, a-F .... Provo
Campbell, Orson D., ss ..... Provo
Cannon, Anthon S., ss .. Farmington
Cardell, Hannah J., ss ..... Provo
Carlston, Mildred, ss-Sp .. Fairview
Carlston, Gus, a-So ..... Murray
Carr, Calvin B., Sp ..... Provo

Carr, William C. e-So .....
..... Auckland, New Zealand
Carrigan, James W., a-J .. Peterson
Carroll, Charles, a-J ..... Provo
Carroll, Elsie C., G-ss ..... Provo
Carson, Velda R., e-S ..... Lehi
Carter, Allan J., a-So ..... Helper
Carter, Elden Sp .... Spanish Fork
Carter Kenneth S., a-F ..... Provo
Cartwright, Alfred, ap-F .... Beaver
Cartwright, Aubra, a-So ... Beaver
Catmull, Grant L., a-F .....
.... Rupert, Idaho
Chadwick, Earl S., ap-F .....
..... American Fork
Chadwick, Effie M., ss ..... Yost
Chadwick, Wayne E., c-J ....
..... American Fork
Chambers, Don F., a-So ..... Ogden
Chambers, Lee H., a-So .....
..... Spanish Fork
Chandler, Jesse, a-S .....
..... Phoenix, Ariz
Chapple, Virginia, a-F..Spanish Fork
Cheney, Silas L., ss ..... Kamas
Childs, Chauncey H., ss..Springville
Childs, Gilbert E., Sp ..... Provo
Childs, Myrtle ss ..... Springville
Chipman, D. LuZell, c-J .....
..... American Fork
Chipman, Mildred, e-F .....
..... American Fork
Chipman, Ora H., ss . American Fork
Christensen, W. Blake, a-F....Price
Christensen, Cleopha E., ss..Moroni
Christensen, Clyde N., a-F....Provo
Christensen, Hanna R. ss..Ephraim
Christensen, Helen, a-So .... Provo
Christensen, Ida B., ss .. Richfield
Christensen, Inez, e-So ..... Salem
Christensen Ione, Sp .... Redmond
Christensen, Louis W., ss .....
..... Bloomington, Idaho
Christensen, Maurine L., e-S ....
..... American Fork
Christensen, Melda M., e-J ....
..... Hinckley
Christensen, W. Morris fa-S ..
..... Driggs, Idaho
Christensen, Wilford W., G...Price
Christiansen, Mildred, e-So ....
..... Pleasant Grove
Clark, Arvilla, ss .. Pleasant Grove
Clarke, Bertha E., e-F .....
..... American Fork
Clark, Gean, a-J ..... Provo
Clark, Heber D., ss ..... Bountiful
Clarke, John L., G .. American Fork
Clark, J. Kyle, a-So ..... Provo
Clark, Lucius, ss..Idaho Falls, Idaho
Clark, Mary, e-F .... Brigham City
Clark, Reed Q., a-S-ss..Mt. Pleasant
Clark, Riley G., a-So ..... Provo
Clarke, Robert A., a-S .....
..... American Fork
Clarke, Thomas P., a-So-ss.....
..... Tolaga Bay, New Zealand
Clark, Ward S., c-J..Pleasant Grove
Clawson, Charles L., ss .....
..... Ramah, New Mexico
Clayson, Ann, e-F .. American Fork
Clayson, Merrill D., ss .....
..... Salt Lake City
Clayton, Dorothy V., ap-So...Provo
Clayton, Maxine S., ap-S...Midvale
Clinger, Morris M., fa-S-ss..Provo
Cluff, Pauleen, e-J ..... Charlston
Cochran, Zola L., Sp ..... Provo
Coffman, Wm. Elmo, G-ss ....
..... Springville
Coleman Aline, a-J-ss ..... Provo
Collett, Farrell R., fa-S .....
..... Bennington, Idaho
Collins, Bessie M., a-S-ss .... Provo
Collins, Lucile, fa-F ..... Provo
Colton, Charles H., ss ..... Vernal
Colvin Harold A., G. ..... Provo
Colvin, Nellie, ap-J .. Salt Lake City
Conder, Vera H., a-So-ss .. Provo
Condie, LeRoy, c-J .... St. George
Condie, Vernon C., ap-So..Springville
Condon, David deLancey, a-S..Provo
Conover, Ada M., e-So .... Ferron
Conover, S. Elizabeth, ap-So..Provo
Conover, Hattie, Sp ..... Provo
Conover, Wm. Harrison, c-J..Provo
Cook, Helen, fa-So .. Paris, Idaho
Coombs, Ellis D., ss .... Fairview
Coombe, Oswald, c-J..Salt Lake City
Coombs, Dora, e-F ..... Fairview
Coombs, Retta, fa-So .....
..... Cardston, Alberta, Can.
Cooper, George N., a-S .. Panguitch
Cooper, Sherman, e-J .....
..... Washington, Utah
Corbett, Pearson H., ss ..... Provo
Cornaby, Floyd V., fa-J...Benjamin
Cornaby, Les H., ss .. Spanish Fork
Cornaby, Sterling, c-S..Spanish Fork
Cordner, Reva, Sp ..... Provo
Cornick, Lucretta, ss .....
..... Salt Lake City
Cottam, Earl B., ap-So .... Provo
Cottam, Howard R., a-S .... Provo
Cowan, AlBurta, e-So ..... Nephi
Cowan, Reed : c-So ..... Payson
Cowley, Roland F., a-F .....
..... Garland, Wyoming
Cowley, Wayne A., a-S ..... Venice
Cox, Clara R., Sp ..... Provo
Cox, Marguerite, ss.....Orangeville
Cox, Wm. A., ap-J-ss ..... Provo

Cragun, Frank S., c-S ..... Provo
Crandall, Anna E., c-F...Springville
Crandall, Josephine A., a-F ....
..... Springville
Crawford, L. DeVere, ap-J ....
..... Paris, Idaho
Crismon, O. Virgil, a-F .....
..... Mesa, Arizona
Croft, Woodrow M., ss ..... Provo
Crookston, Earl, a-F..American Fork
Crookston, Elden, a-S .....
..... American Fork
Cropper, Wayne, a-So ..... Desert
Crowley, Madge, ap-F .....
..... Idaho Falls, Ida.
Crowley, Ralph, a-F .....
..... Idaho Falls, Idaho
Crowther, I. Earl, Sp. ..... Provo
Crowther, R. Eldon, ss ..... Provo
Cullen, Kirby L., c-F .... Richfield
Cullimore, Bernece, e-So .....
..... Pleasant Grove
Cullimore, Odessa, Sp ..... Provo
Cullimore, Owen S., a-S .....
..... Pleasant Grove
Culmsee, Carlton F., a-S .... Nada
Cummard, Mabel, a-J..Mesa, Arizona
Cummard, Zena, e-J .. Mesa, Arizona
Curtis, Lavaun B., G. .....
..... Lowell, Arizona
Cutler, Betty, e-So....Salt Lake City
Cutler, Louis H., ss ... Springville
Cutler, C. Stanley, c-F ..... Provo

Dahl, Harvey A., ap-F .... Midvale
Dahle, Cline N., Sp ..... Provo
Dahlquist, Mary M., a-F .... Provo
Dalby, Ezra C., ss .. Salt Lake City
Dalley, Leah, ap-F ..... Kanab
Dangerfield, Grace M., a-J....Provo
Daniels, Cleon., ss ..... Logan
Dart, Paul E., ap-So .. Spanish Fork
Dastrup, Elmer J., c-S .. Richfield
Dastrup, Melba, ss ..... Provo
Davies, Afton E., e-F ..... Provo
Davies, Myron, a-So.....Cannonville
Davies, Ramona M., e-So .... Provo
Davies, Vernon, ss .... Cannonville
Davis, Ariel R., a-F ..... Provo
Davis, John L. ss ..... Venice
Davis, Mattie A., ss .... Springville
Davis, Owen M., G-ss ..... Provo
Day, Cleo L., a-So .....
.....St. Anthony, Idaho
Dean, Elva C., Sp-ss ..... Provo
Dean, John O., ap-So .....
..... American Fork
Decker, Alma V., c-J .....
..... Snowflake, Ariz.
Decker, Francis J., ss..Salt Lake City
Decker, Helen D., fa-J ..... Provo
Decker, James B., a-J ..... Provo
Decker, Lorenzo B., a-S ..... Provo
Decker, J. Smith, ap-S .....
..... Snowflake, Ariz.
Decker, Pearl Adams, e-Un...Provo
Defriez, Chas., ss ..... Huntington
Dehmel, Ruth, ss .... Salt Lake City
DeLange, Talmage Y., e-So ....
..... Koosharem
Despain, Dale L., a-F .....
..... Lovell, Wyoming
Deuel, Myrtel, a-S .....Richfield
Devenport, Karl W., ss .....
..... Rexburg, Idaho
Dewsnup, Winona, a-So ....Deseret
Erekson, Edward B., a-So....Murray
Dix, DeVaun, c-F ..... Provo
Dix Mary E., c-J ..... Provo
Dixon, Maurine, ap-F ..... Provo
Dixon, Mildred, a-So ..... Provo
Dixon, Ruby, e-So ..... Provo
Dixon, Verl G., a-S ..... Provo
Domina, John C., a-F .....
..... Aberdeen, Idaho
Done, G. Byron, ss .. Salt Lake City
Done, W. Edwin, a-F..Salt Lake City
Dotson, Edme H., ap-S-ss..Coalville
Doty, G. Ellis, e-J ..... Richmond
Dougall, Catherine R., ss..Springville
Dougall, John Mac, a-J..Springville
Douglass, Phyllis N., e-J .... Payson
Draper, Emerson O., c-F .... Myton
Driggs, Zelma, a-F..Pleasant Grove
Dudley. Lyndon L., a-F .... Salem
Duffin, Lydia, ss..Aberdeen, Idaho
Duke, Enid, e-So ..... Heber City
Duke, Lola, e-So ..... Heber City
Duffin, Max H., c-F . Salt Lake City
Durrant, L. Dean, c-S ..... Provo
Durrant, Rubye, c-J ..... Provo
Durrant, Stewart A., c-F .....
..... American Fork
Dutson, Elzina, ss ..... Hinckley

Earl, A. LaVon, a-F..American Fork
Earl, Nellie M., ss .. Overton, Nev.
Eastmond, Margaret H., Sp .. Provo
Eberhard Ernest, a-F .. Melba, Idaho
Edler, Jennie M. ss ..... Provo
Edwards Alice, e-So .... Charleston
Edwards, Clara, ap-F ... Charleston
Edmunds, Esther O., e-J .... Provo
Egbert, Anna, Gr ..... Provo
Eggertsen, Annie N., Sp .... Provo
Eggertsen, Armand D., a-So..Provo
Eggertsen, Claude A., Gr. ....
..... Springville
Eggertsen, Mark D., c-J ... Provo
Ekins, Virginia L., fa-F .... Provo

Eldredge, Wilma L., e-S .....
..... Salt Lake City
Elliott, Don C., fa-F ..... Provo
Elliott, Nell, Sp ..... Provo
Ellis, Helen, ap-So ..... Wellington
Ellsworth, Helen, a-S ..... Provo
Ellsworth, Mary S., Sp .... Prov
Ence, Melba, Sp ..... Richfield
Engebretsen, Nellie L., sss .... Sandy
England, Dorothy, e-So .... Tooele
Ensign, George C., ss ..... Provo
Ercanbrack, LaMar R., ap-F..Provo
Erekson, Edward B., a-So....Murray
Erickson, A. Leroy, ss-Gr.....Salem
Erickson Isobel G., e-J .....
..... Rexburg, Idaho
Erickson, Lucile B., ss-Sp.....Salem
Eskelson, David W., ss .....
.....Devil's Slide, Utah
Esplin, Ruth, ss .... Shelley, Idaho
Evans, Bud D., a-F .. Spanish Fork
Evans, Fay L., c-So-ss .... Am. Fork
Evans, Fred, Sp ..... Provo
Evans, W. Ferdinand, a-So ... Lehi
Evans, Jane A., fa-So .. Sp. Fork
Evans, Karl, c-F ..... Lehi
Evans, Howard C., c-F ..... Lehi
Evans, Neldon,, ap-So ..... Lehi
Evans, Oakley S., c-F .....
..... Anaconda, Montana
Eyre, Floyd G., ss ..... Ogden
Eyring, Joseph C., a-J Pima, Ariz.
Eyring, Rose, a-s ..... Pima, Ariz.

Facer, Alice J., e-P ..... Provo
Facer, Elden J., e-J . Pocatello, Ida.
Fage, Roy, Fa-F .... Pleasant Grove
Fahring, Ray L., a-F ..... Helper
Faile, Forbes, a-F ..... Orangeville
Farley, M. Lucille, c-So .... Provo
Farnsworth, Delin, fa-So .....
..... Salt Lake City
Farnsworth, Kenneth E., ss .....
..... Salt Lake City
Farnworth, Viola, ss ..... Provo
Fausett, Flora, e-So ..... Price
Favero, J. Dewey, a-F .... Hooper
Fawcett, Melvin, a-J .... St. George
Feast, Howard F., a-F . Center, Colo.
Felt, Bert W., a-F .... Centerfield
Fenton, Estelle, ss ..... Pl. Grove
Ferre, Grant, Sp ..... Provo
Fillmore, Belle, a-F .... Richfield
Fillmore, Elmer L., a-So .. Sp. Fork
Fillmore, H. LaVieve, e-F, Sp. Fork
Finch, Henry H., c-F .... Sp. Fork
Finley, May, ss ..... Springville
Finlinson, Burns L., ss . Leamington
Finlinson, Virginia, e-So .. Oak City
Firmage, Doris, a-So .... Sp. Fork
Firmage, John H., ss .... Am. Fork
Fisher, Asael H., ss ..... Provo
Fisher, J. Dean, c-J-ss ..... Provo
Fisher, Flora D. ss ..... Provo
Fitzgerald, Harold, c-J .... Draper
Fjeld, Allen E., fa-S ..... Lehi
Fletcher, Ethel, fa-F ..... Provo
Fletcher, Floyd E., Sp ..... Vernal
Fletcher, Hazel, a— ..... Provo
Fortie, Jowett A., ss ..... Boneto
Forsyth, F. Howard, a-So .....
..... Hill Spring, Alta, Can.
Foster, Francis W.. c-F ..Am. Fork
Fotland, Clara, e-J ..... Provo
Fowlke, E. Mae, e-F .... Pl. Grove
Fowers, VerDean, ap-F .... Hooper
Fowler, Florence, e-J .....
..... Idaho Falls, Idaho
Fowles, Mrs. Daphne, e-F .. Ferron
Francis, Jim, a-So ..... Ogden
Frandsen, Calvin E., e-F .. Redmond
Frandsen, Ernest, ss .... Redmond
Frei, J. Claud, ss .... Santa Clara
Frei, Newell R., Sp .. Santa Clara
Frisby, J. Donald, a-F .... Provo
Frost, Don E., e-So ..... Coalville
Frost, Melba, e-F ..... Coalville
Fugal, Genevieve, a-So .. Pl. Grove
Fugal, Neil Y., a-F .... Pl. Grove
Fujiwara, Takeo, a-J Sapporo, Japan
Fullmer, Bert L., a-F .... Sp. Fork
Furr, Norma, Sp ..... Provo

Gamett, LaVell C., ap-So. Pl. Grove
Gardiner, Eugene, c-F .. Panguitch
Gardner, Alice E., ss ..... Magna
Gardner, Edward R., ss .. Am. Fork
Gardner, Frederick A., ss .....
..... Stewart, Nevada
Gardner, G. Grant, ss ..... Levan
Gardner, Hazel, ss ..... Payson
Gardner, Margaret, ss ..... Delta
Gardner, Marguerite, ap,.. Sp. Fork
Gardner, Russell M., ss .... Levan
Gardner, Stanford O., a-F .. Payson
Garfield, Jack A., ap-F .... Draper
Garfield, Leona, e-So .... Tremonton
Garfield, Wanda, e-So .. Tremonton
Garfield, Zoie, fa-S ..... Draper
Garn, Floyd, ap-So ..... Coalville
Garrett, J. Oscar, ss ..... Provo
Garrett, J. Raymond, c-S .... Nephi
Garrett, Ralph L., c-F ..... Nephi
Garrett, Rex., ap-F ..... Nephi
Geary, Elmo G., ap-F .. Huntington
Gee, Elwood A., e-J ..... Provo
Gentry, Lillian, ss .. Caliente, Nev.
Gibb, Bruce L., a-F .....
..... Hill Spring, Alta, Canada
Gibbons, Leona, fa-F St. Johns, Ariz.

Gilchrist, Marion L., ss .... Provo
Giles, Mary E., ss ..... Provo
Gillespie, Elizabeth T., ss .... Provo
Gillespie, George S., a-F .... Tooele
Gillman, Rhea, e-So .... Pl. Grove
Gines, Erma, e-F ..... Roosevelt
Gledhill, Ora, ss ..... Richfield
Glenn, Eleanor, ss ... Salt Lake City
Goe, Bill, a-F .... Jackson, Wyo.
Goe, Byron H., c-F .. Jackson, Wyo.
Goodman, John W., c-Un .... Provo
Goodwin, LaPriel, a-F ..... Lehi
Goodwin, Ralph A., Sp ..... Lehi
Golden, Melba A., Sp ..... Lehi
Gordon, Glen H., c-F ..... Am. Fork
Gourley, David G., ... Pl. Grove
Gourley, Gertrude, ap-S .. Pl. Grove
Graff, Clara, Sp ..... Santa Clara
Graham, Ellis R., a-J .... Fairview
Graham, Verena, e-S .... Fairview
Grange, A. Hollis, c-So ..... Price
Grant, Carter E., ss ..... Sandy
Grant, Virginia, e-F . Salt Lake City
Green, Edward R., G ..... Ogden
Greene, Vern D., c-So ..... Provo
Greenwood, Lois, e-F .. Am. Fork
Greer, Faun, a-F ..... Provo
Gridley, Eileen, e-So . Boise, Idaho
Griffith, Melvin A., a-J . Lake Poina
Grimmett, Arch T., ss Moreland, Ida.
Groberg, LeRoy B., G-ss .. Bicknell
Groesbeck, John R., ss .. Springville
Grotegut, Lamar, e-J .... Sp. Fork
Grow, Katherine J., a-J .....
..... Cardston, Alta., Canada
Grow, D. Spencer, c-J .....
..... Cardston, Alta., Canada
Grow, Stewart L., c-So .....
..... Cardston, Alta., Canada
Grua, Suzanna M., ss .. Pl. Grove
Gubler, Ovanda, a-J ..... LaVerkin
Gubler, Rosalba, ap-J .....LaVerkin
Gunn, Ora, fa-F ..... Beaver
Gunn, Stanley R., ss ..... Beaver
Gunnerson, Helen L., ss .. Murray
Gunther, Marcille, c-F ..... Lehi
Gurney, J. Ferrin, c-S ..... Lehi
Gurr, Mary F., ss ..... Richfield

Hacking, Bernice, fa-F Cedar Valley
Hacking, Junius P., c-F .... Vernal
Hacking, Ralphena, ss ..... Provo
Haddock, Grove M., e-S .....
..... Bloomington, Idaho
Haddock, Ray L., a-J .....
..... Bloomington, Idaho
Hadfield, Dale W., ss ..... Lehi
Hadley, Lloyd T., c-S ..... Ogden
Hafen, Faye, Sp. ..... Provo
Hair, Delmar B., ss .... Pl. Grove
Hales, Belle W., Sp-ss ..... Provo
Hales, Duane, c-F ..... Sp. Fork
Hales, Iman, a-J ..... Deseret
Hales, Thora T., e-So ..... Pl. Grove
Hall, Merlyn, ss ..... Springville
Hall, Myrl, Sp ..... Provo
Halliday, Naomi E., a-F . Am. Fork
Halliday, Nina, e-S ..... Am. Fork
Hamblin, Clara, fa-S..St. John, Ariz.
Hammond, May C., Sp-ss .... Provo
Hammond, Merrill C., a-So .. Provo
Hancock, May, e-F ..... Payson
Handley, Irving, c-So ..... Sandy
Hanks, Edna, e-F ..... Salem
Hanks, E. Wayne, a-F .... Tooele
Hansen, Afton, e-F .... Bear River
Hanson, Alice A., a-F .... Hiawatha
Hansen, Basil C., fa-J ..... Lehi
Hansen, Caroline A., a-So-ss .. Provo
Hanson, Clara, c-F ..... Roosevelt
Hansen, Edith O., ss ..... Ephraim
Hansen, Elmo H., ss ..... Lehi
Hansen, Everett A., ss ..... Monroe
Hansen, Floy, a-So ..... Richfield
Hansen, Glenn W., a-F .. Richfield
Hansen, Ilda O., c-Un . .....
..... Los Angeles, Calif.
Hansen, Leland A., a-S-ss .. Richfield
Hanson, Leo H., ss ..... Lehi
Hanson, Leora, ss .... Tetonia, Idaho
Hansen, Norma, C-F ..... Vernal
Hansen, Norma, e-F ..... Sp. Fork
Hansen, Ray W., ss .. Mt. Pleasant
Hanson, Rulon B., c-S ..... Provo
Hansen, Ruth K., ss ..... Provo
Hanson, William F., ss ..... Provo
Hanson, Wilma, fa-S .... Sp. Fork
Hansen, Zula, a-F ..... Bear River
Hapi, Joseph T., a-So-ss Nuhaka H. B. New Zealand
Harding, Curtis P., c-S .... Payson
Harding, Ruth, e-F ..... Payson
Hardman, Oswald C, ss Salt Lake City
Hardy, Horace H., a-S .... Sp. Fork
Hardy, McVal, c-J ..... Provo
Harmer, Elizabeth, c-F .. Springville
Harmer, Floss, ss ..... Springville
Harmer, Louis J., c-J .... Mapleton
Harmon, L. ElRoy, a-F ..... Price
Harris, Alvin, ss ..... Portage
Harris, Chasta O. ss ..... Payson
Harris, Chauncy D., a-So-ss . Provo
Harris, Edna A., e-So .. Boise, Ida.
Harris, Estelle, Sp-ss ..... Provo
Harris, Maureen E, c-F .. Boise, Ida.
Harris, Mildred, ap-F Salt Lake City
Harris, Sylvia G., ss .. Green River
Harris, Fonda, ss ..... Ephraim
Harrison, B, Edith, fa-So .... Provo
Harrison, Brigham, e-Un .....
..... Manassa, Colorado

Harrison, Lorna J., a-S ..... Provo
Harrison, Madelyn, a-So Springville
Harrison, Robert B., c-J Springville
Harrison, Walter F., ss .. Heber City
Hart, Charles J., ss ..... Provo
Hart, J. Irel, a-J ..... Rigby, Ida.
Hart, R. Kay, c-F .. Idaho Falls Ida.
Hart, Ray G., ap-S .. Salt Lake City
Hartle, Lida ss ..... Vernal
Hartwigsen, Milton, ss .. Grace, Ida.
Harwood, Lenard, ap-J .. Springville
Haslam, William H., c-J .. Lewiston
Hasler, Ada, ss ..... Provo
Hasler, Arthur D., a-S ..... Provo
Hasler, J. William, a-F ..... Provo
Hatch, Fleeta, ap-J-ss .....Colonia Juarez, Chih, Mexico
Hatch, Genevieve, e-F-ss .. Colonia Juarez, Chih, Mexico
Hatch, Harvey, ss .. Idaho Falls, Ida.
Hatch, Leonard R., c-Un .... Salem
Hatch, E. Leroy, ap-F .... Colonia, Juarez, Chih, Mexico
Hatch, Norma, e-F .. Spanish Fork
Hatch, W. Bradford, a-F Spanish Fk.
Hatch, Lettie O., Sp. ..... Provo
Hatton, Beulah, ss ..... Provo
Hatton, Karl W., c-S .... Kanosh
Hatton, S. Ross, G ..... Provo
Hawkins, Merrill D., a-F ..Sp. Fork
Hawkins, Wilma S., ss ..... Provo
Haws, Bill, a-F ..... Silver City
Haws, Lucille, Sp. ..... Provo
Haws, Ora, ap-S ..... Provo
Hayes, Rex E., Sp ..... Provo
Hayes, Sheldon P., a-F-ss .. Provo
Haymond, T. Mell, ap-So Springville
Hayward, Elizabeth C., G .... Provo
Hayward, C. Lynn, G ..... Provo
Heath, Don R., a-Un Salt Lake City
Hebertson, Thorit C., ss .... Provo
Hedquist, June, ss ..... Provo
Heindselman, Flo D., ap-J .. Provo
Henderson, Clea R., ss .. Oxford, Ida
Henderson, Myrtle, ap-F .... Provo
Hendricks, Milo A., c-J ..... Provo
Henry, Ruth M., c-So .. Rigby, Ida.
Herbert, Raymond, a-F .. Shelly, Ida
Heslington, David C., ss .... Milford
Heslington, Melborne, ss Adamsville
Hess, Geo. M., ... Driggs, Ida.
Hettig, Tubou M., a-S .... Tonga Friendly Islands
Heyborne, Robert L., ss ..... Delta
Heywood, Austin, c-J .... Panguitch
Hicken, Elijah, ss ..... Richmond
Hicken, Nellie M., G .... Heber City
Hickman, Felton, ss ..... Levan
Hicks, Eliza Mae, a-S Safford, Ariz.
Hicks, Leland S., G Safford, Ariz.
Hile, Heber G., a-F .. Garland, Wyo.
Hill, Edna A., ss ..... Payson
Hill, C. Frazer, c-So ..... Provo
Hill, Kelsey J., c-J .... Springville
Hill, Lulu F., ss ..... Fruita, Colo.
Hiller, Walter., c-J ..... Provo
Hilton, Hope Fae, e-So .. Hinckley
Hilton, Virgil T., c-So ..... Delta
Hinckley, George M., ap-F ... Provo
Hinckley, Helen, ss ..... Ogden
Hodgkinson, Ralph, e-F .... Vernal
Hodson, Marva, G. ss ..... Provo
Hodson, Rosemary, fa-F .... Provo
Hodson, Waldo G., a-S-ss .... Provo
Hogan, Eva, a-F ..... Eureka
Holdaway, Aline, a-So ..... Provo
Holbrook, Ruth, c-J-ss ..... Provo
Holbrook, Raymond B., G .... Provo
Holindrake, George M., a-F Am. Fk.
Hollindrake, E. Vernon, ap-F Am. Fk.
Hollingshead, Billie, G .. Koosharem
Hollingshead, Golden, ss s..... ..... Minersville
Holman, Vance, a-F .. American Fk.
Holt, L. Bernice, e-F ..... Midvale
Holt, Ida, e-J ..... Midvale
Holt, Jesse C., ap-J ..... Sp. Fork
Holt, Paul, G ..... Provo
Homer, Leona C., Sp. ..... Provo
Hone, Earl D., e-J-ss .. Brigham City
Hone, Merrill, Sp ..... Provo
Hooks, Bertha L., a-J ..... Provo
Hooks, Gladys, a-J ..... Provo
Hoover, Bliss, c-S ..... Provo
Hoover, Dorothy L., a-S ..... Provo
Hoover, Phyllis M., ap-F .. Park City
Horlacher, Fred C., c-J .... Ely, Nev.
Hornsby, Ethel, ss .. Salt Lake City
Houston, Irene, fa-F .... Panguitch
Howe, Mignon, ap-F ..... Provo
Howell, George H., ss Salt Lake City
Huber, Clara E., ss ..... Midway
Huber, Marie, e-J ..... Payson
Huff, Esther, a-So ..... Provo
Huff, Ina, e-F ..... Spanish Fork
Huff, Nell, e-J ..... Spanish Fork
Huffaker, Marshall E., a-F ..Murray
Hughes, Alton, aS .... Spanish Fork
Hughes, Anna, ss .... Spanish Fork
Hughes, Arthur, c-So ... Springville
Hughes, John M., a-So ..... Provo
Hughes, Preston G., a-F .. Sp. Fork
Huish, Carol, e-So ..... Payson
Huish, Daryl E., a-F ..... Provo
Huish, H. Paul, G ..... Provo
Hull, Melva, ss ..... Payson
Hunn, Dorothy, e-F ..... Provo
Hunt, Esther J., ss .... Panguitch
Hunt, Sheldon R., ss .... Panguitch
Hunter, James R., c-So ..... Ogden
Huntington, Mae P., ss .. Springville

Huntsman, S. Ralph, ss .....
..... Bunkerville, Nev.
Hurst, Lillian G., e-So ..... Provo
Hurst, Lynn, a-J ..... Provo
Hurst, Vera M., ss ..... Provo
Hutchings, Imri J., a- S .. Midvale
Hutchings, Loman F., a-So Springville
Hutchings, Rowena, c-So .....
..... Springville
Hutchings, Theron B., a-J .. Midvale
Hutchinson, J. Marvel, c-F .....
..... Salt Lake City
Hutchinson, Grant A., c-F, Salt Lake
Hyer, Maurine, e-F ..... Lewiston

Ingersoll, Homer R., a-F . Am. Fork
Ingersoll, M. Leigh, ap-So Am. Fork
Ingersoll, Rex M., ap-F .. Am. Fork
Ipson, Alice, ap-So ..... Panguitch
Ipson, Ella K., Sp ..... Junction
Ipson, Ingra, c-F ..... Panguitch
Ipson, J. Morrill, a-F .... Junction
Ipson, Nello P., c-So .... Panguich
Isaksen, Alice, ap- .. Palo Alto, Calif.
Ivins, Bertha H., Sp-ss .... Provo
Ivins, Fawn, fa-J-sss .. Lund, Nev.

Jacklin, George, ap-F .... Am. Fork
Jackson, Arvilla J., e-S-ss .... Provo
Jackson, Audrey, G ..... Provo
Jackson, Ellen, a-F ..... Provo
Jackson, R. Inez, ss ..... Ephraim
Jackson, Leona, a-So ..... Provo
Jackson, Norma E., Sp ..... Provo
Jacob, H. Wendell, a-J ..... Provo
Jacobs, Emma, ss ..... Ogden
Jacobs, Wm. Rigby, a-S .... Ogden
Jacobsen, Eugene C., fa-F .. Sp. Fork
Jacobsen, Eula B., ss .. Pine Valley
Jacobsen, Helen, e-So .... Richfield
Jacobsen, M. Paul, c-F .... Provo
Jacobsen, Ralph C., fa-J Mt. Pleasant
Jacobsen, Reuel F., Sp ..... Provo
Jacobsen, S. Elmer, c-F ..... Provo
Jameson, Alexander, a-F ..... Moab
Jameson, Karl M., a-F ..... Price
Jarvis, George Y., ss . Wash., D. C.
Jarvis, Joseph S., G .. Springville
Jaussi, William J., a-F . Paris, Ida.
Jay, Emma H., ss ..... Roy
Jeffery, Emily, ss ..... Delta
Jeffery, Pearl, ss ..... Delta
Jenkins, Hyrum, ss-Sp .....
..... Salt Lake City
Jenkins, Melvin D., Sp ..... Provo
Jenkins, Louise, fa-So ..... Provo
Jenkins, Ray L., c-So .. Springville
Jenkins, W. Clayton, c-J .... Provo
Jense, Wesley, Sp ..... Pl. Grove
Jensen, Bradford A., a-S . Castle Dale

Jensen, Christian J., ss .... Ogden
Jensen, Della M., e-So .... Sp. Fork
Jensen, Edna, a-F ..... Ferron
Jensen, Ernest, a-F ..... Goshen
Jensen, Gilmon, c-F .... Richfield
Jensen, S. Ira, ss ..... Abraham
Jensen, Joel P., e-S .... Ephrain
Jensen, Lawrell, G .. ..
.... Fountain Green
Jensen, Mamie, ap-F ..... Provo
Jensen, Mary, ss .... Brigham City
Jensen, Myrtle R., ss ..... Provo
Jenson, Norma, fa-S ..... Ogden
Jenson, Ralph W., fa-So .... Ogden
Jensen, Ray, c-F .. Manassa, Colo.
Jensen Vernon H., e-J-ss .....
..... Salt Lake City
Jensen, Walter A., fa-F .....
..... Salt Lake City
Jensen, Woodruff J., c-F .... Provo
Jensen, Zola, e-So ..... Castle Dale
Jeppesen, Geraldine, ss ..... Provo
Jeppesen, Rhodes, fa-S-ss .... Provo
Jergensen, Verla, a-So .....
..... St. Anthony, Idaho
Jex, Phebe, c-F ..... Spanish Fork
Jex, Wm. Reed, c-S .. Spanish Fork
Johanson, Ava J., G St. Anthony, Ida.
Johansen, Vernon, fa-J Mt. Pleasant
Johns, Harold G., c-J ..... Murray
Johnson, Afton A., ap-S ..... Provo
Johnson, Arthell, fa-F .. Rupert, Ida
Johnson, P. Bonne, ss. Anaheim, Cal.
Johnson, Christian W., ss .. Nen
Johnson, D. Lorrell, ap-So Springville
Johnson, Eldon J., ap-So, Pl. Grove
Johnson, D. Elmer a-So ..... Provo
Johnson, Ernest, a-Sp .....
..... Fountain Green
Johnson, Eugene W., ap-S, Springville
Johnson, Evan R., So ..... Ephraim
Johnson, Fay, a-So ..... Provo
Johnson, Glen B., ap-So .....
..... Richfield, Idaho
Johnson, Harold T., c-F .... Lehi
Johnson, Herbert, a-F ..... Lehi
Johnson, Ina G., e-J-ss ..... Provo
Johnson, Isabelle, ss, Salt Lake City
Johnson, Joseph F., a-F .. Murray
Johnson, Kirt E., c-J ..... Manti
Johnson, W. Kent, a-S ..... Provo
Johnson, T. Leonard, a-F .... Provo
Johnson, Louis A. a-S .. Mapleton
Johnson, Lowell L., ap-So .. Provo
Johnson, Lucille, ss, Salt Lake City
Johnson, Marie N., e-F ..... Provo
Johnson, Mark Wm., G, Springville
Johnson, Maurean M., e-J .....
..... Mora, New Mexico
Johnson, Merle A., e-So .....
..... Robertson, Wyo.

Johnson, Morris R., fa-So .... Provo
Johnson, Paul M., ap-S ..... Provo
Johnson, Rachel, e-So .. Springville
Johnson, Rhoda L., fa-So .....
..... Idaho Falls, Idaho
Johnson, Roah R., a-F .. Springville
Johnson, Ruth A., Sp ..... Provo
Johnson, Ruth I., a-S-ss ..... Provo
Johnson, Searle, a-F ..... Provo
Johnson, Sherwin, ap-F, Pl. Grove
Johnson, Stella I., e-So, Richfield, Ida.
Johnson, Vard, a-S .... Pl. Grove
Johnson, Vearl S., ap-S ..... Provo
Johnson, Willis F., s ..... Provo
Johnson, Vola M., e-S-ss .. Pl. Grove
Johnson, Wyla J., fa-F ..... Provo
Johnson, Zoe E., ss ..... Payson
Johnston, Irene, a-F .... Am. Fork
Jolley, Magdaline, e-F ..... Provo
Jolley, Udell, a-F ..... Provo
Jones, Alba, ss ..... Duncan, Ariz.
Jones, Alice, G ..... Provo
Jones, Amy, a-So ..... Springville
Jones, Earl S., ap-F ..... Provo
Jones, Archie G., c-J ..... Provo
Jones, Dale E., c-F ..... Provo
Jones, Elsie, ss ..... Sunnyside
Jones, Evelyn M., c-So ..... Price
Jones, Fae, c-F, Green River, Wyo.
Jones, Hyrum P., ss .... Pl. Grove
Jones, Harold T., a-F ..... Provo
Jones, Horace T., a-S ..... Heber
Jones, I. Irene, a-S ..... Logan
Jones, Lawrence, c-J ..... Provo
Jones, Martha K., ss .... Pl. Grove
Jones, Maurice A., a-So .... Provo
Jones, Merle, e-F .... Overton, Nev.
Jones, Patrick H., c-F ..... Provo
Jones, Pearl, c-F ..... Sp. Fork
Jones, G. Ray, G .. Spanish Fork
Jones, Rudger E., a-F .....
..... Flushing, New York
Jones, S. H., ss ..... Provo
Jorgensen, Brandt D., a-So .. Salem
Jorgensen, Eugene G., fa-F .. Price
Jorgensen, Myron N., ss .....
..... Salt Lake City
Jorgensen, Vivian, e-So .. Am. Fork
Josie, Charles, Sp ..... Provo
Juarez-y-Juarez, Deifilio, a-J,...
..... Guadalupe, Mex.
Judd, Evalina, e-So Idaho Falls, Ida.
Judkins, Leonard N., ss North Ogden

Kartchner, Alma H., G .... Provo
Kartchner, Ray W., a-F ..... Provo
Kartchner, Virgil, Sp ..... Provo
Kay, Melvin W., ap-So ..... Mona
Kay, Orpha, a-F ..... Charleston
Keate, Vivian, c-F ..... Richfield
Keeler, Essie, ss ..... Provo
Keeler, Jay J., Sp ..... Provo
Kelly, Howard G., c-S, ...
..... St. Anthony, Idaho
Kenney, Flora, ap-So ..... Holden
Kerr, James G., e-J .....
..... Idaho Falls, Idaho
Kershaw, May G., ss . Phoenix, Ariz.
Killian, George W., e-So . Orangeville
Kenner, Robert L., ss . Preston, Ida.
Killpack, Janie J., e-So-ss .. Ferron
Killpack, Theron W., e-S .... Provo
Killpack, Edna, e-J .. Phoenix, Ariz.
Kimball, Doris M., a-So .... Provo
Kimball, Gardner, c-J ..... Kanosh
Kimball, A. Noble, ss-Gr .. Hurricane
King, Alma, ss ..... Garland
King, Cecil M., a-F ..... Provo
King, Gertrude E., a-S-a .....
..... Grace, Idaho
Kirk, Merle C., ss ..... Provo
Kirkham, Reed O., c-F ..... Lehi
Kirkwood, Nita, c-F ..... Provo
Kjar, Maurine, ap-F ..... Manti
Knight, Edith, ss .....
..... Mesquite, Nevada
Knudsen, Hilda L., ss-Sp .... Provo
Knudsen, Ida, ss ..... Provo
Knudsen, Ruth, e-F ..... Provo
Kotter, Floyd, a-So ..... Elsinore
Kottick, Kenneth, c-F ..... Provo
Kuhni, Paul, ss-Sp ..... Heber

LaComb, Frank O., a-F .... Midvale
Laker, Willard E., ss .....
..... Salt Lake City
Lambert, A. C., G ..... Provo
Larsen, A. Bardell, fa-S-ss ....
.....Mt. Pleasant
Larson, Blanch, e-J-ss ..... Lehi
Larson, Carl L., c-F..Preston, Idaho
Larsen, W. Carlyle, c-J .....
..... Pleasant Grove
Larson, G. Clyde, o-So ..... Provo
Larsen, J. Elmo, c-S .....
..... American Fork
Larsen, Eugene C., a-So-ss .. Provo
Larsen, H. Gordon, c-J ..... Provo
Larson, Gustive O., ss..Cedar City
Larsen, Rex B., a-So-ss ..... Provo
Larsen, Seth, a-Un ..... Provo
Larsen, Theresa M., Sp .....
..... Wells, Nevada
Larsen, Vernon F., ss..Mt. Pleasant
Larson, C. Wilford, a-Un .. Provo
Larsen, Zelda, a-S .. American Fork
Lasson, Helen, e-F ..... Fairview
Leavitt, Francis H., e-J .....
..... Bunkerville, Nev

Lee, Lorine, ss .....
..... Idaho Falls, Idaho
Lee, Wilford, D., ss .....
..... Idaho Falls, Idaho
Lee, Clark, a-So ..... Monroe
Lee, Lawrence, Sp.....Rigby, Idaho
Leemaster, Vernon J., fa-S-ss ..
..... Provo
Leffler, Erma, Sp ..... Provo
Lehman, Hulda, ss .....
..... Grand Junction, Colo.
LeRoy Ellis W., Sp ..... Mapleton
LeSueur, Malcolm F., a-J .....
..... Mesa, Arizona
Lewis, Bernell H., a-So .....
..... Spanish Fork
Lewis, Ethel L., e-F ..... Provo
Lewis, Izola S., ap-So ..... Provo
Lewis, Kenneth M., sp-Un .. Provo
Lewis, LeGrand, a-F .. Spanish Fork
Lewis, Max T., ap-F ..... Provo
Lewis, Ray W., c-F ..... Provo
Lewis, Wm. Crismon c-F ....
..... Salt Lake City
Lewis, Zelda, Sp ..... Provo
Liddle, Vadis, e-So ..... Payson
Lillywhite, John P., ss .. Bingham
Lloyd, Dora L., ss ..... Upalio
Lloyd, Helen, ss .... Salt Lake City
Lloyd, Wesley P., ss..Oakley, Idaho
Lohmoelder, Otto L., c-Un-ss..Provo
Lohmoelder, Ruth P., G-ss .... Provo
Lott, Wreal, a-J ..... Lehi
Lowe, Bessie, Sp .. Pleasant Grove
Ludlow, Albert T., c-F .. Benjamin
Ludlow, Don E., a-F .. Spanish Fork
Ludlow, Iona, fa-J .. Spanish Fork
Ludlow, Jack, c-F ... Spanish Fork
Ludwigson, Emma, ap-S .....
..... Pleasant Grove
Luke, Mabel M., ss ..... Provo
Luke, Melroy C., ap-P ..... Manti
Luke, Rosella, e-So ..... Junction
Luke, Theron H., e-So..Heber City
Lund, Leon G., ss .. Standardville
Lyman, Mary, e-So ..... Delta
Lyman, Willis J., Sp-ss .. Oak City

McAllister, Ellis S., a-J .. St. George
McAllister, John S., a-J..St. George
McBride, Orlando S., c-S .....
..... Thatcher, Ariz
McCoard, Ethel, c-F ..... Provo
McCoard, William B., G-ss .. Provo
McConkie, Andrew R., a-F .. Moab
McConkie, Don, ss ..... Vernal
McConkie, Faun, a-J ..... Moab
McConkie, Wayne, ap-J ..... Moab
McConkie, G. Wilson, a-So .. Moab
McDonald, Alda M., e-F..Heber City
McDonald, Ward C.So ..... Provo
McEntire, Laura, ss.....Huntsville
McEwan, Joe W., c-F..Salt Lake City
McGavin, E. Cecil, ss..Spanish Fork
McGhie, Frank W., ss..Salt Lake City
McGregor, Donald W., c-F ....
..... St. George
McGuire, James, a-F ..... Provo
McGuire, John H., c-So ..... Provo
McGuire Ray, a-F ..... Provo
McGuire, Tessie, ss .... Heber City
McKell, Charles R., G..Spanish Fork
McKinnon, Thelma, fa-So .... Price
McMullin, Lucille, c-J ..... Payson
McOmie, Robert, ss..Pleasant Grove
McPherson, Margaret E., e-J-ss
..... Springville
Madsen, Daniel T., a-F .....
..... Mt. Pleasant
Madsen, Eardley B., c-J...Ephraim
Madsen, Emily, fa-J .... Duchesne
Madsen, Farrell D., a-J .... Fairview
Madsen, Florence J., fa-Un..Provo
Madsen, Helen, e-J .. Mt. Pleasant
Madsen Herbert C., a-F .... Provo
Madsen, Ruth, e-J .. Mt. Pleasant
Madsen, Virginia, c-F ..... Manti
Magleby, McRay, a-S ..... Monroe
Mangum, Dixie K., c-So .... Provo
Mangum Max K., c-S ..... Provo
Markham, Don C., a-F .....
..... Spanish Fork
Marler, George D., G .....
..... Thornton, Idaho
Marrott, Margaret, e-F .....
..... Pleasant Grove
Marshall, Florence H., e-So..Vernal
Marshall, Julia T., ss ..... Provo
Martin, Hattie P., ss ..... Provo
Martin, John W., a-F .....
..... Ronan, Montana
Martin, Kenneth, c-F ..... Provo
Martin, William P., a-So .... Provo
Martineau, Carl., Sp ..... Provo
Mason Elizabeth E., ss ..... Ogden
Matthews, Elmer R., ss-Sp ....
..... Bingham City
Matthews, Weldon C., c-J..Midvale
Mathis, Weldon M., a-F .... Price
Maughan, Lucile, G. .....
..... Lava Hot Springs, Idaho
Maughan, Margith, ss ..... Logan
Maughan, Mildred, a-F .....
..... Lava Hot Springs, Idaho
Maw, Florence, ss-Sp ..... Provo
Maw, Margaret L., ss ..... Provo
Maxwell, B. Alva, c-F .....
..... Eagar, Arizona
May, R. Golden, ss .. Burley, Idaho

Mayett, Nellie H., ss .....
..... Fallon, Nevada
Meiling, Bessie L., G ..... Provo
Meldrum, Marvin E., c-F .. Provo
Meldrum, J. Robert, a-F .... Provo
Memmott, Cleon L., ss .....Nephi
Memmott, Ivy, ss ..... Scipio
Memmott, Thomas K., ss .... Scipio
Mendenhall, B. Harold, a-J ....
..... Springville
Mendenhall, Helen, ss .. Springville
Mendenhall, Seymore L., ss ....
..... Springville
Mensel, Dorothy, fa-J ..... Provo
Mensel, Laura, c-F-ss ..... Provo
Menzies, Belva, ss ..... Provo
Menzies, Charles W., ap-J .... Provo
Merkley, Floyd R., c-F .....
..... Blackfoot, Idaho
Merkley, Harold E., a-F ... Vernal
Merrell, Victor L., ap-Un. ...Vernal
Merrell, Wm. A., ap-So-ss .. Vernal
Merrill, David M., e-F ..... Provo
Merrill, W. Douglas, fa-F .....
..... Clifton, Ida
Merrill, Edna J., Sp ..... Provo
Merrill, Eliza., Sp ..... Provo
Merrill, Harrison J., a-So-ss ....
..... Provo
Merrill, Lucile, e-S ..... Provo
Merrill, Merle M., Sp ..... Provo
Merrill, Ray D., a-J Salt Lake City
Merrill, Vera M., a-So ..... Provo
Merrill, Vivian, ss ..... Provo
Meservy, Joseph R., e-S .....
..... St, Anthony, Idaho
Metcalf, A. Irene, ss .... Springville
Millar, Harvey C., G .....
..... Pleasant Grove
Miller, Alberta, ap-So.Salt Lake City
Miller, Barr C., c-So ..... Murray
Miller, Cutler R., a-F ..... Provo
Miller, W. Elbert, c-F ..... Provo
Miller, Florence, e-J ..... Provo
Miller, Frances C., Sp ..... Tooele
Miller, Karl A., ap-S..Salt Lake City
Miller, Phyllis, c-J ..... Provo
Miller, Robena, ap-So .....
..... Salt Lake City
Miller, A. Woodruff, ap-F ....
..... St. Anthony, Idaho
Millet, Beulah, ap-So..Mesa, Arizona
Millet, Floyd W., a-J .....
..... Mesa, Arizona
Miner, E. Devere, c-F .. Fairview
Miner, Don T., a-F .... Springville
Miner, Helen F., c-F .... Fairview
Miner, Orson L., e-S-ss .. Fairview
Mitchell, Esther, fa-F ..... Provo
Mitchell, J. Harry, c-So .. Eureka
Mitchell, L. William, ss ... Provo
Mitchell, Samuel, ss ..... Provo
Monson, Jesina A., Sp .....
..... Washington D. C.
Moody, Edgar R., ss .... Hinckley
Moody, Milton W., ss ..... Delta
Moon, Elmer R., sp-Un .... Hanna
Moon, Loretta M., c-Un .... Hanna
Moore, Anna M., e-So .... Payson
Moore, Clara, ap-J .. Spanish Fork
Moore, Huish, e-J ..... Payson
Moore, R Lowell, a-F .....
..... Oakland, Calif.
Moore, Samuel D., ss..Pleasant Grove
Morby, Hortense, e-F .....
..... Pleasant Grove
Morgan, Helen E,, a-F .....
..... Moore, Idaho
Morgan, V. Marie, c-F ..... Provo
Morgan, Ralph J., a-J..Spanish Fork
Morgan, Wendell A., ss-Sp .. Provo
Morley, Alonzo J., ss ..... Provo
Morley, Zelda L., ss ..... Moroni
Morrill, A. Reed, ss ..... Vernal
Morrison, Lillian A., fa-J ....
..... St. George
Mortenson, Eunice S., ap .. Ephraim
Mortensen, Harry B., ss..Cleveland
Moss, James E., ss..Salt Lake City
Moss, James W., ss ..... Holladay
Mower, John F., ss ..... Provo
Muhlestein, Erma, Sp ..... Provo
Murdock, Ernest F., c-J ..... Provo
Murdock, Ezra A., e-S .....
..... Sugar City, Idaho
Murdock, Ray D, c-So ..... Provo
Murdock, Stephen R., c-J .... Provo
Murphy, J. Bud, e-So ..... Salina
Murray, Lorna, a-F ..... Vernal
Myers, LaPriel, fa-J..American Fork
Myrup, Eloise, fa-J ..... Provo
Myrup, Jenny L., a-F ..... Provo
Myrup, Orion Sp ..... Provo

Naegle, Anthony W, ss .....
..... Salt Lake City
Naegle, Ione, ss .... Salt Lake City
Naegle, Mary, e-J .... Toquerville
Nash, Edith Maie, fa-J..Springville
Neilson, LaRue I., e-S ..... Provo
Neilson, Mona, e-So ..... Provo
Nelson, Anna, ss .. Salt Lake City
Nelson, Blanche, ss ..... Provo
Nelson, Boyd, fa-S .....
..... Pleasant Grove
Nelson, Byron C., a-So .....
..... Montpelier, Idaho
Nelson, Clifford, c-J ..... Joseph
Nelson, Eliza, a-J ..... Provo

Nelson, F. DelMar, fa-J .... Provo
Nelson, Florence N., Sp ..... Provo
Nelson, Gwedolyn, a-S ..... Provo
Nelson, Harold S., ss..Pleasant Grove
Nelson, Jack C., a-F ..... Salem
Nelson, Jay L., c-F ..... Provo
Nelson, Leah, a-F .. Spanish Fork
Nelson, Lyle, ss .....
..... New York City, N. Y.
Nelson, Robert A., e-J..Spanish Fork
Nelson, Thelma J., e-J .. Springville
Nelson, William L., c-Un....Salina
Nelson, Vivian, e-So ..... Redmond
Neslen, George Q., a-F .....
.... Salt Lake City
Newell, Donna, ss ..... Mona
Newell, Helen R., ap-So .... Provo
Newell, Naomi, ss ..... Monroe
Newton, Karl M., ap-F ..... Mona
Nicholes, C. Eldred, c-F .....
..... American Fork
Nicholes, Fern S., ss..Eagar, Ariz.
Nicholes, Ray D., ss .....
..... American Fork
Nicholson, Harry, ss ..... Nephi
Nielsen, Alfred C., ss .....
..... Salt Lake City
Nielsen, Alma C., c-So .....
..... Fountain Green
Nielson, Don, ap-J ..... Mapleton
Nielsen, Emil K., ss ..... Provo
Nielson, Exilda, fa-S ..... Monroe
Nielson, Faughn, e-So ..... Price
Nielsen, Jean C., a-S .....
..... Idaho Falls, Idaho
Nielsen, Louise M., a-So .. Tooele
Nielson, Loya, c-S ..... Springville
Nielson, Merrell L., ap-F..Springville
Nielson, Otis P., ss ..... Fairview
Nielson, Reed S., G .. Springville
Nielson, V. Merrill, G ..... Salina
Nielson, Wayne H., a-F .....
..... Mesa, Arizona
Nielson, Wendell L., e-J..Springville
Nisonger, W. Max, a-So .... Provo
Noall, Mae H., Sp .. Salt Lake City
Norberg, Lester M., ss .... Coalville
Nuttall, Hazel, ss ..... Provo
Nuttall, Maurine ss ..... Provo
Nuttall, Taylor, a-F..Salt Lake Ciy
Nuttall, Wilkins L., a-F .....
..... Twin Falls, Ida.

Oakley, Dorothy L., a-J .... Provo
Oaks, LeRoy, Sp-So .....
..... Montpelier, Idaho
Ockey, Edwina L., a-F ..... Price
Ogden, Anna, e-J ..... Richfield
Okelberry, Orval W., a-So..Goshen
Ollerton, Louise, a-F ..... Provo
Olpin, Lawrence D., Sp .. Pl. Grove
Olpin, Donna, e-So ..Pleasant Grove
Olpin Ralph S., c-J..Pleasant Grove
Olson, Camille, e-J ..... Moroni
Olsen, Cleona, fa-J .....
..... LaJara, Colorado
Olson, C. P., ss ..... Payson
Olsen, Donald P., fa-So .... Provo
Olsen, George A., ap-So .... Provo
Olson, George F., ss .... Fairview
Oleson, Grace C., ss ..... Payson
Oleson, John F., ss ..... Payson
Olsen, Joseph W. ss ..... Richfield
Olsen, Morris J., a-F .. Mt. Pleasant
Olson, Robert, c-F ..... Provo
Omansen, John A., ss-Sp .... Provo
Orrock, Ted E., a-F .. Ely, Nevada
Osguthorpe, Elma, c-F .....
..... Salt Lake City
Osmond, Marcia, e-S-ss .....
..... Salt Lake City
Ostler, Dorothy, a-S..Salt Lake City
Ostler, Rose D., Sp ..... Provo
Ott, James A., a-So....Henrieville
Ottosen, Helen, e-F ..... Manti
Oveson, Melrose, e-F .... Cleveland

Pace, Alean S., ss ..... Nephi
Pace, A. Lawrence, a-F.....Thistle
Pace, Paul H., ap-F .... Coalville
Pace, Verdell, c-F ..... Price
Pack, Dean C., c-F ..... Provo
Packard, Eliza, ss ..... Springville
Page, Bernice,, e-So ..... Riverton
Page, D. Eileen, e-So ..... Goshen
Pardoe, Kathryn B., Sp ..... Provo
Park, Donald A., c-F .. Gunnison
Parker, Grace, e-So..American Fork
Parker, Robert W., fa-F .....
..... Mt. Airy, No. Carolina
Parry, Eleanor, ss ..... Manti
Parry, Milton, c-F ..... Thistle
Partridge, Carol, c-So ..... Provo
Partridge, Lyman M., a-F....Provo
Passey, Alene, e-F ..... Provo
Paulsen, Grace F., ss ..... Provo
Paulsen, Wendell H., fa-Un..Provo
Paxman, Annie S., Sp ..... Provo
Paxman, Edith, fa-J ..... Provo
Paxman, Lota A., c-J ..... Provo
Paxman, Ernest, ss ..... Provo
Paxman, W. Rulon, a-S ..... Provo
Paxton Genevieve, c-F .... Kanosh
Paxton, F. Taft, c-J ..... Kanosh
Pay, Clarence H., ss ..... Nehpi
Payne, H. Berthell, c-So .... Provo
Payne, LaRue, c-Un ..... Provo
Payne, Minnie, fa-So ..... Provo
Peacock, Morris W., e-F .....
..... Orangeville

Pearce, David R., ss ..... Beaver
Pearson, Irvin B., ap-J .... Oakley
Peart, Mearl C., ap-F .. Randolph
Peck, Neva, e-F ..... Beaver
Pennock, Hannah, ss..Salt Lake City
Penrod, Max W., ss ..... Provo
Perkins, C. Blaine, ss ..... Price
Perry, Asahel A., ap-So-ss .. Vernal
Peters, Adele, e-S ..... Provo
Peters, Elmo C., c-S..American Fork
Petersen, Eva M., ss ..... Bingham
Peterson, L. Elmer, ss .....
..... Driggs, Idaho
Peterson, Henry E., a-F .....
..... Cowley, Wyoming
Peterson, Hilda, ss ..... Fairview
Petersen, Homer U., a-F..Hinckley
Peterson, Howard, a-F ..... Provo
Petersen, Lavern H., fa-So..Hyrum
Peterson, H. Lester, ss .....
..... Rexburg, Idaho
Peterson, Lloyd L., c-F ..... Provo
Peterson, Margaret, a-J .....
..... Aberdeen, Ida.
Peterson, Norma C., c-So .. Fairview
Peterson, Orson W., e-F .....
..... Castle Dale
Peterson, Parlell G., a-So....Provo
Peterson, Raymond F., fa-S ....
..... Pleasant Grove
Peterson, Roxie, e-S ..... Provo
Peterson, E. Smith, ap-J .... Lehi
Peterson, Wallace F., a-So .. Ogden
Petersen, Wayne B., ap-So ....
..... Hinckley
Phelps, Hazel, Sp....Montpelier, Ida.
Phelps, E. Melba, e-F .....
..... Salt Lake City
Phillips, Eileen M., e-So .....
..... American Fork
Phillips, Gene Y., e-So ... Brigham
Phillips, A. LaVon, e-F .....
..... American Fork
Phillips, Richard V., a-F..Brigham
Phillips, Ruth, ss .. Salt Lake City
Pierce, Cleo, ss ..... Springville
Pierce, Ireta M., a-F..ElPaso, Texas
Pierce, Merlin D., c-F..ElPaso, Texas
Player, Mable, ss....Salt Lake City
Polly, Kenneth R., a-So ..... Provo
Polly, Orville L., G ..... Provo
Poulson, Marion W., e-J-ss..Provo
Poulter, Lamont, e-S-ss ..... Price
Powelson, A. Marion, ss .. Provo
Preston, James P., ap-So ....
..... American Fork
Price, Raymond, G ..... Ogden
Price, William J., c-F ..... Lehi
Prince, Cleament, a-S .....
..... Gooding, Idaho
Prince, Fenton J., a-S .....
..... Gooding, Idaho
Prior, Hilda T., c-F .. Spanish Fork
Probert, Leo M., ss ..... Scipio
Probst Cleopha R., ss .. Malad, Idaho
Probst, Reed G., ss ..... Midway
Prothero Dean J., Sp ..... Provo
Prows, Nora, a-F ..... Provo
Pulsipher, John W., fa-S..St. George
Purrington, Frances L., e-J..Ogden
Purvance, W. Truxton, c-So .. Provo
Pyper, LaVon, ss .... Heber City
Pyne, Lucile, c-F ..... Provo

Ralston, Mary, c-So ..... Provo
Rambeau, Jean M., ss ..... Provo
Randall, Lorene ss .... North Ogden
Rasband, Irving K., c-S Heber City
Rasband, Lincoln, ap-F..Heber City
Rasband, Mary, ss .... Heber City
Rasband, Mima, ss .. Heber City
Rasmussen, Chrystal, e-F .. Ferron
Rasmussen, Boyd S., c-S, .. Richfield
Rasmussen, Irene, e-S .... Fillmore
Rasmussen, Lenore, ss ..... Provo
Rasmussen, Morris, Sp .. Fairview
Ray, Vern A., Sp ..... Moab
Reardon, Treassa P., ss .... Salem
Redd, Daryl, c-F ..... Monticello
Redd, Merene, e-F ..... Blanding
Redden, J. Mervin, fa-J .... Provo
Redford, Lloyd, a-J ..... Provo
Reece, Helen R., e-So ..... Payson
Reece, Madge, ss ..... Payson
Rees, Clifton A. e-So .... Richfield
Rees, Lyman D., a-F .....
..... Salt Lake City
Rees, Stanley D., a-So .....
..... Salt Lake City
Reese, Margaret A., e-So .... Price
Reese, Rudolph P., a-So .... Provo
Reid, Carol, a-So ..... Manti
Reid, Dortha, e-S-ss ..... Provo
Reid, Ernest L., ss .... Abraham
Reid, Marjorie, e-F .... Orangeville
Reynolds, Allen C., ss .... Circleville
Reynolds, Hannah, Sp ..... Provo
Reynolds, Levi E., a-F ..... Provo
Rich, Beth, e-So ..... Paris, Idaho
Rich Clarence D., fa-J .... Morgan
Rich Stella P., G ..... Provo
Richan, Raymond G., G ..... Provo
Richards, Fred G., ss .....
..... Pleasant Grove
Richards, Georgia G., fa-J ....
..... Salt Lake City
Richards, Wilford W., ss....Garland
Richardson, Milton E., a-F ....
..... Spanish Fork

Richardson, Verdan J., ap-F .. Provo
Richardson, Vernon, a-S .....
..... Thatcher, Arizona
Richins, Norene, ss ..... Coalville
Richmond, Dorothy, a-So .... Provo
Rigby, Florence P., ss ..... Provo
Rigby, Wendell M., ss ..... Provo
Rigtrup, Mary, e-J .. Spanish Fork
Ripple, Paul c-J ..... Provo
Ritchie, Metta, ss ..... Provo
Rivers, Marie F., c-F .. Springville
Roberts, Bee, e-F ..... Delta
Roberts, Frank c-So-ss ..... Provo
Roberts Margaret L., e-So ....
..... Spanish Fork
Roberts, Melvin J., c-So .....
..... Rupert, Idaho
Roberts, Reva, e-So .....
..... American Fork
Roberts, Zoe, e-F ..... Delta
Robertson, Herbert A., a-S ....
..... Spanish Fork
Robertson, Joseph A., c-J .....
..... Fountain Green
Robertson, LeRoy J., Gss.....Provo
Robbie, Harry W., a-F .... Provo
Robbins, C. Claude, fa-J .....
..... Moreland, Idaho
Robbins, Enid, Sp ..... Provo
Robins, Faye, ss ..... Scipio
Robins, Kenith R., ss ..... Scipio
Robinson, Elma, A-F ..... Provo
Robinson, Ethel, ss ..... Kanab
Robinson, Fern, e-So .. Am. Fork
Robinson, Merla, ss ..... Coalville
Robinson Orpha, a-J .... Am. Fork
Robinson, Phyllis, a-F .... Provo
Robinson, L. Ray, ss ..... Logan
Robinson, Ruth, a— ..... Provo
Robison, Alpha J., e-So, Baker, Nev.
Robison, Bertha B., ss, Baker, Nev.
Robison, Burle, a-J ..... Provo
Robison, Nella, ap— .... Hinckley
Rockwood, Lewis F., c-So .....
..... Salt Lake City
Rockwood, Wendall H., c-So ....
..... Salt Lake City
Rogers, Mayola, e-F Snowflake, Ariz.
Rogers, Ofie J., ss ..... Kanosh
Roland, Helen, ss .. Salt Lake City
Romney, Elwood S., a-J,.. St. George
Romney, Gaskell W., ap-F ....
Sandgren, Loraine, e-F ..... Provo
Romney, Golden, ss, Thatcher, Ariz.
Romney, Antone K., ss, Rexburg, Ida.
Romney, Leona, fa-J .. Chicago, Ill.
Romney, Marguerite, fa-So ....
Colonia Juarez, Chih, Mexico
Romney, Stanley C., ap-J .....
Colonia Juarez, Chih, Mexico
Roper, H. Molen, a-F ..... Salem
Ross, Keith K., a-Un ..... Vernal
Rossiter, Ardath A., ss, Salt Lake City
Roundy, Amanda I., c-J .... Provo
Rowe, Francis, a-F ..... Sp. Fork
Rowe, Lewis E., ss, Los Vegas, Nev.
Rowe, G. Browning, a-J .... Provo
Rowe, Maggie B., ss .... Castle Dale
Rowe, Paul J., Sp ..... Provo
Rowley, Edwardeen, ap-J-ss .. Provo
Rowley, Rinda, fa-F ..... Provo
Royle, Maymetta, ap-F ..... Lehi
Russell, Max H., a-F ..... Provo
Russell, Reed, a-So ..... Tooele
Rust, Laura, e-J-ss ..... Provo
Rust, Richard D., a-So ..... Provo
Ruthardt, Albin O.,, St, Anthony, Ida.

Sabin, IvaDell, c-So .... Nampa, Ida.
Sabin, Merrill R., a-So .... Salem
Sabin, V. David, c-F .. Nampa, Ida.
Sabin, Victor P., ap-F ..... Salem
Sager, J. Elmo, ap-J .... Am. Fork
Sager, Ferren N., fa-F .. Am. Fork
Salisbury, Howard E., fa-So ....
..... Springville
Salisbury, Paul, Sp ..... Provo
Sanford, Hunt L., a-F, Richfield, Ida.
Sandgren, Clyde D., c-S ..... Provo
Sandgren, Loraine e-F ..... Provo
Selck, Leith L., ss ..... Menan, Ida.
Sargent, Alden P., a-So .... Kamas
Sargent, Sarah P., e-F .... Kamas
Sargent, Ned, e-F ..... Panguitch
Sauer, Gertrude, ap-J ..... Provo
Schofield, Enid, e-So .. Hiko, Nev.
Schofield, Josephine, Sp, Hiko, Nev.
Schofield, Pauline, a-S, Hiko, Nev.
Schow, I. Margaret, e-J ..... Lehi
Scorup, Stena, ss ..... Salina
Scott, George C., ss .... Am. Fork
Scott, Ida B., e-J-ss ..... Provo
Scott, Melba, Sp ..... Provo
Seaman, J. Gordon, c-So .....
Scott, G. Vernon, a-S ..... Provo
..... Salt Lake City
Searle, Kenneth D., ap-J, Am. Fork
Sears, Marguerite, a-F, Salt Lake City
Seastrand, Selma, e-So,.. Am. Fork
Seaton, May, a-So ..... Price
Seegmiller, Keith, Sp .... St. George
Seegmiller, Marjorie E., c-F, Richfield
Seiter, Erika E., e-F ..... Provo
Seeley, Ina M., c-F .... Mt. Pleasant
Seiter, Walter H., c-F ..... Provo
Selck, Leith L., ss ....Menan, Idaho
Serpa, Richard, Sp .. Twin Falls, Ida
Shalfoon, Anthony V., a-Un ....
..... Opotika, New Zeland
Sheen, W. Woodrow, c-F .... Salem

Sheffield, Donald H., e-S-ss ....
..... Brigham, City
Shelley, Ethel, e-So ..... Am. Fork
Shelley, Velma, ss ..... Am. Fork
Shepherd, Laura, ss ..... Provo
Shepherd, E. Lowell, a-F, Paris, Ida.
Sheppard, George L.,, Pima, Ariz.
Sheranian, Lorraine M., a-F, Murray
Shields, Lloyd, a-J ..... Tooele
Shipp, Warren E., a-So ..... Beaver
Shober, Ernest E., c-J ..... Murray
Showalter, Blanche, Sp .. Panguitch
Shurtliff, Francis L., c-F .. Provo
Simkins, E. Marie, e-F .. Springville
Simmons, Dean, a-F ..... Payson
Simmons, Jesse T., a-S, Rexburg, Ida.
Simper, Wayne G., a-F .... Murray
Simpson, Grace E., e-F.. Mt. Pleasant
Simpson, Lois, e-So ..... Heber City
Skeem, Leona I., e-F ..... Oasis
Skinner, Grace, e-J ..... Beaver
Skinner, Lucille, a-F ..... Provo
Skousen, Marvin, a-S, Chandler, Ariz.
Skousen, Willmirth, ss .....
Colonia Juarez, Chih, Mexico
Smart, Henriette N., Sp-ss .... Provo
Smart, Herbert T., a-So ..... Provo
Smart, M. Neff, a-J ..... Provo
Smart, Rowlee N., e-F ..... Provo
Smith, J. Aldwyn, C-So ..... Provo
Smith, W. Albert, ss ..... Ogden
Smith, Andrew O., a-So .....
..... Snowflake, Ariz
Smith, Earl T., a-So ..... Beaver
Smith, Eleanor, Sp. ..... Provo
Smith, Ernest P., G ..... Pl. Grove
Smith, Ervine F., a-S-ss .. Pl. Grove
Smith. M. Foss, a-So Snowflake, Ariz.
Smith, A. Hastings, c-J, Springville
Smith, James Earl, e-J .... Payson
Smith, Jenniev J., e-J ..... Provo
Smith, Julia O., e-So ..... Ogden
Smith, Julina, G-ss .. Salt Lake City
Smith, LaRilla, ap-J ..... Beaver
Smith, Lois, a—,.. Salt Lake City
Smith, Max, c-T ..... Lehi
Smith, Moroni W., ss-Sp .. Hyrum
Smith, Norma M., e-So .... Payson
Smith, Phill O., a-J, Salt Lake City
Smith, Virgil J., c-So ..... Lehi
Smith, William C., ss, Snowflake, Ariz
Smoot, Fern, fa-J ..... Provo
Smoot, Ruth P., ss, Salt Lake City
Smoot, Seth, a-F ..... Provo
Smuin, Carma L., a-S-ss .... Ogden
Smurthwaite, Una J., ss, ...
..... Salt Lake City
Snell, Alta H., e-So ..... Provo
Snell, Esmond, a-F ..... Provo
Snell, Heber C., ss ..... Provo
Snell, Hillman C., a-So ..... Provo
Snell, Maude, e-F ..... Provo
Snell, Morris R., ap-J ..... Provo
Snow, Claude S., fa-S ..... Provo
Snow, Edna, G ..... St. George
Snow, Elda M., fa-J ..... Provo
Snow, Ella P., ss ..... Provo
Snow, Hattie T., Sp ..... Provo
Snyder, Bert E., a-J ..... Sp. Fork
Snyder, Theron, a-F ..... Payson
Sorensen, Allen B., a-F .... Sp. Fork
Sorenson, Dortha, e-So .. Ruth, Nev.
Sorensen, Edna M., c-F .....
..... Salt Lake City
Sorenson, Ferril M., e-So, Spring City
Sorenson, Virgie L., ap-J-ss ....
..... Koosharem
Soulier, Clarence R., a-F .... Provo
Sowards, Anthony W., G ... Provo
Sowards, Josephine S., ap-So-ss, Provo
Sowards, Myrtle, c-So ..... Provo
Sowards, Willa L., a-F ..... Provo
Spafford, Louise, a-S-ss .... Provo
Spalding, Ardith, c-F ..... Provo
Spear, Grace, Sp ..... Provo
Speckart, Florence E., a-J .. Provo
Speckart, Frank R., c-S .... Provo
Spencer, Alice, c-F .... Paris, Ida.
Spencer, Berdene, e-So .... Escalante
Spencer, Ethel S., ss ..... Provo
Spencer, Leland S., c-J .... Provo
Spencer, Lucille, ss .. . Spring Lake
Spencer, Seymour, ss, Montpelier, Ida.
Spillman, Earl, ss, Telluride, Colo
Spillman, Elizabeth, ss, Telluride, Colo
Spilsbury, Erwin R., ss, Preston, Ida.
Stahr, J., Sterling, c-F ..... Ogden
Staker, Flossie, ss ..... Mt. Pleasant
Starr, Anna, ss ..... Springville
Starr, Inez, e-J-ss ..... Springville
Startup, Elbert H., c-F .... Provo
Startup, Naomi, ss ..... Provo
Steed, Dean R., c— .. Farmington
Steedman, W. Kenneth, a-F, ...
..... Mammoth
Steele, Millie E., ap-F... Am. Fork
Stein, Harry C., Sp ..... Provo
Stephens, Sylvan, a-So ..... Provo
Stephenson, Lohree N., Sp, Provo
Sterling, M. Helen, e-F ..... Provo
Stevens, Donald, Sp ..... Provo
Stevenson, Hilda C., ss .. Garfield
Stevenson, Ilah, e-So .... Springville
Stevenson, Libbie A., e-So .....
.....Mohrland ,Utah
Stewart, Ezra L., e-So .... Jensen
Stewart, Lucille, e-J .. Mt. Pleasant
Stewart, Virginia, e-F .... Sp. ForK
Stewart, Wiley, ap-Un .... Jensen
Stice, Harold K., c-F .... Am. Fork

Stimpson, John V., G ..... Provo
Stone, Dean A., c-F ..... Sp. Fork
Stone, Lynn, e-F ..... Myton
Storrs, Betha, fa-S ..... Am. Fork
Storrs, Wilford L., a-So .. Am. Fork
Stowell, Derald B., fa-J .....
..... Thatcher, Ariz.
Stowell, Lucile C., ss .... Springville
Stowell, Rhoda, c-So, Pocatello, Ida.
Stratford, Allen, c-J ..... Ogden
Stratford, Robert P., c-F .... Ogden
Stratton, Ervin W., c-J... Hinckley
Strauser, Ethel M., e-S .....
..... Sullivan, Missouri
Straw, William J., ... Springville
Street, Ruby K., c-F ..... Provo
Street, Virginia, c-F ..... Payson
Strickler, Beulah, ap-S-ss .... Ogden
Strong, Jay, a-So ..... Springville
Stubbs, Alice A., Sp ..... Provo
Summers, Helen R., a-J ..... Provo
Summerhays, Margaret, Sp-ss ..
..... Salt Lake City
Sumner, LaPrele, ap-F ..... Provo
Sumner, Maline, Sp ..... Provo
Sumsion, J. Clyde, c-J ..... Provo
Sumsion, Howard C., a-F Springville
Sundwall, Anna E., a-J .. Fairview
Sundwall, Harry W., c-So . Fairview
Sundwall, Katherine L., e-F ....
..... Fairview
Swallow, Truman, G. ..... Meadow
Swapp, Farris C., e-J ..... Provo
Swenson, Joe C., c-F ..... Provo
Swenson, Louise, a-S-ss ..... Provo
Swenson, Margaret D., ss .... Provo
Swenson, Martha T. e-F.. Sp. Fork
Swenson, Mildred, ap-F .. Pl. Grove
Swenson, A. Nell, ap-F .. Pl. Grove

Tanner, Gilbert L., a-So .... Provo
Tanner, Orea B., e?S-ss, Rexburg Ida
Taylor, Ada, a-F .... ElPaso, Texas
Toylar, Aimie R., Sp ;..... Provo
Taylor, Alice, Sp ..... Provo
Taylor, Bessie, ap-J ..... Manti
Taylor, Delenna R., a-So .... Provo
Taylor, Ethel R., fa-Un .... Provo
Taylor, Fay, c-So, Idaho Falls, Idaho
Taylor, Fenton W., a-J, ...
..... Thatcher, Ariz.
Taylor, Lamar A., c-F ElPaso, Texas
Taylor, Lola B., ss ..... Ogden
Taylor, Margaret, fa-F .....
..... Salt Lake City
Taylor, Marie H., ss ..... Provo
Taylor, Mary J., G ..... Provo
Taylor, J. Max, ss ..... Provo
Taylor, Pearl, fa-F.. Salt Lake City
Taylor, Preston N., a-J Banida, Ida.
Taylor, H. Rex, c-So ..... Levan
Taylor, Virginia, a-J ..... Provo
Taylor, Weldon, c-So ..... Provo
Tenney, Lewis N., a-So .....
..... Snowflake, Ariz.
Terry, Lillian, e-J ..... Provo
Terry, Veloy, ss .. McKinnon, Wyo.
Tervort, Wilma, e-F ..... Payson
Teuscher, Charles H., ss .....
..... Montpelier, Idaho
Teuscher, Mona C., ss .....
..... Montpelier, Idaho
Tew, William T., ss .... Mapleton
Thamert, LaDorise S., e-F .... Provo
Thatcher, Howard L., ap-J .. Payson
Thomas, Bob W., Sp ..... Provo
Thomas, David G., ss .....
..... Salt Lake City
Thomas, John, c-F ..... Sp. Fork
Thomson, Cannon A., ss .....
..... Salt Lake City
Thomson, Grant A., e-J .. Ephraim
Thorn, Howard A., c-F, Springville
Thorne, Richard H., G, Springville
Thorne, J. Roe, ap-F .. Springville
Thorne, Ruth, ap-F ..... Provo
Thornock, Owen, a-J, ...
..... Bloomington, Ida.
Thornton, Read, c-So ..... Provo
Thorpe, C. Christy, ss-Sp .. Axtell
Thorpe, Russell A., c-F . Springville
Tietjen, Naomi, e-J ..... Santaquin
Tippetts, Mary C., c-So .. Sp. Fork
Tobler, Ezra, e-J ..... Santa Clara
Tolboe, Lois, e-So ..... Provo
Tolhurst, Delsa, ss ..... Payson
Toone, Clair, c-F .. Salt Lake City
Toone, Clifford S., c-S, Gooding, Ida.
Toone, Theodore P., c-S .....
..... Gooding, Idaho
Towers, Esther, e-J ..... Eureka
Tregeagle, Delbert V., c-S .. Provo
Trinnaman, Homer J., ap-F .. Lehi
Tucker, George W., ss ..... Provo
Tucker, J, Glen, a-F, Oakland, Calif.
Tucker, Laura, ss ..... Provo
Tucker, Rebecca P., c-F ..... Provo
Tucker, G. Webster, G ..... Provo
Tueller, Elvena, e-J ..... Provo
Tuft, Calvin F., ss .. Huntington
Turner, Floy L., ss ..... Kamas
Turner, Genevieve, ss .. Kaysville
Tuttle, Elliott, ss ..... Provo
Tuttle, Lucille, G ..... Manti

Ungricht, LaVerne S., c-F . Rolapp
Utley, Ray, ss ..... Richfield

Vance, E. Merle, e-J .. Jerome, Ida.
Vance, R. Wendell, c-So .... Provo
VanCott, Frank A., fa-So .....
..... Salt Lake City
VanCott, Helen M., ss, Salt Lake City
Van Leuven, Lyda H., ss .. Provo
VanPatten, Boyce, c-J .. Springville
VanWagenen, Fay E., Sp .... Provo
VanWagenen, Frank A., c-So, Provo
Vernon, William M., ss .... Provo
Vest, H. Grant, a-J .... Am. Fork
Vest, Niles, a-F ..... Payson
Vest, Wm. Veloy, a-J ..... Mona
Vincent, C. Glen, Sp-ss .... Provo
Vincent, Mrs. Paul D., Sp .. Provo
Vincent, Rowe H., c-S ..... Provo
Vorkink, Hazel W., ss, Glendale, Calif.

Wadley, LaVere J,. G .... Pl. Grove
Wadley, Lucille, e-So .... Pl. Grove
Wagstaff, David E., ap-F . Am. Fork
Wagstaff, J. Lloyd, ap-F, Am. Fork
Wakefield, Clinton, ss, Huntington
Wakefield, Bruce, fa-F . Huntington
Waldram, Marie, a-S, Sugar City, Ida.
Waldram, Ruth, fa-F, Sugar City, Ida
Waldram, Venese, fa-J .....
..... Sugar City, Ida.
Walker, David S., a-F,.... Pl. Grove
Walker, Della, e-So ..... Peoa
Walker, Jennie, e-F ..... Pl. Grove
Walker, Lorenzo S., ap-S .....
..... Salt Lake City
Walker, Muriel, ap-F ..... Pl. Grov
Walker, Verle, e-So ..... Peoa
Walker, Paul K. ss ..... Nephi
Walker, Muriel, ap-F .... Pl. Grove
Walker, Verle, e-So ..... Peoa
Walker, Paul K., ss ..... Nephi

Walker, Virginia, a-J .. Pl. Grove
Wallentine, Davis E., a-F, Paris, Ida.
Wallentine, Wallace R., G, Paris, Ida.
Wangsgard, Keith, G ..... Ogden
Wanlass, Glen L., a-J ..... Lehi
Ward, Mary, ap-J .. Idaho Falls, Ida.
Warner, Clifford E., c-F .. Sp. Fork
Warner, Max L., a-F ..... Provo
Warner, Roy H., Sp. ..... Provo
Warner, Thelma, ss ..... Nepni
Warnick, Carl G., c-F .... Provo
Warnick, Don C., c-F ..... Provo
Warnick, Effie, ss .... Pl. Grove
Washburn, Barr V., c-S ..... Provo
Washburn, H. Clyde, a-F .... Provo
Washburn, Don E., G ..... Provo
Washburn, Jesse A., e-F .... Draper
Washburn, V. Fred, a-F .... Provo
Washburn, Jesse A., ss ..... Provo
Washburn, Lydia, e-F .... Blanding
Washburn, Vernis, e-F .... Blanding
Waters, J. Vaur, a-So .... Sp. Fork
Watkins, Nedra, a-F ..... Provo
Watson, Henry R., a-S ..... Ogden
Watts, Bethel, ss ..... Moab
Watts, J. Clayton, ss-Sp, Centerfield
Watts, Mrs. J. Clayton, ss .....
..... Centerfield
Webb, Fred N., fa-J-ss ..... Provo
Webb, R. Glenn, fa-S-ss .... Lehi
Webb, Lynn R., c-F ..... Lehi
Webb, Ross, c-F .... Castle Gate
Weight, Karl R., c-F .. Springville
Weight, Nolan G., a-So, Springville
Weight, Reed L., ss-Sp ..... Provo
Weight, Wilford, c-F .. Springville
Wells, Allen T., a-So ..... Lehi
Wells, Claire T., a-S-ss .... Lehi
Wells, Lavinia, ss .. Logandale, Nev.
Wentz, Monta, fa-S ..... Provo
Wentz, Myrl, e-Un-ss ..... Provo
Wentz, H. Vernon, ss ..... Provo
West, Byron, ap-F ..... Pl. Grove
West, James R., ap-F .... Sp. Fork
Westenskow, Fern, ap-J .... Manti
Western, Mary G., ss .... Deseret
Westover, Elden G., e-S Huntington
Westwood, David, a-Un-ss .... Provo
Westwood, James B., a-S-ss .. Provo
Whatcott, H. Devello, sp-ss .. Provo
Wheeler, Goldie G., ss,. Silver City
Wheeler, Jos, E., Sp ..... Provo
Wheeler, Mable, e-J .... Springville
Wheelwright, Annie L., ap-S-ss,
..... Ogden
Whetten, Lester B., a-S-ss .. Provo
Whetten, Loren A., c-J .....
Colonia Juarez, Chih, Mexico
Whimpey, Violet, c-Un ..... Lehi
Whipple, Miriam, ss ..... Lehi
Whitaker, Susan M., a-F .... Provo
Whitaker, Warren S., c-S .. Provo
White, Faye, e-So ..... Payson
White, F. Fay, Sp ..... Provo
White, Florence M., ap-J .....
..... St. Anthony, Idaho
Whitehead. Joseph, fa-J, ...
..... Los Angeles, Calif
Whiting, Ruth, ap-F .... Mapleton
Whiting, Vernon, Sp ..... Payson
Whitman, Jay, a-So ..... Lehi
Whitman, Lawrence S., fa-So-ss
..... Mt. Pleasant
Whittle, Cyril M., a-So, Preston, Ida.
Wignal, J. Earl, c-F ..... Provo
Wilhite, Ada L., e-S-ss, Buhl, Ida.
Wilkins, Dell S., ss .... Mesa, Ariz.
Wilkins, Joseph R., ss, Mesa, Ariz.
Wilkinson, Glen A., c-J .... Ogden

Willardsen, George C., e-S . Ephraim
Willey, R. DeVerl, ss .. Byron. Wyo.
Willey, Ivan, a-F .... Byron, Wyo.
Willey, True, a-F .... Byron, Wyo.
Williams, Alberta, a-So .. Morgan
Williams, Daraline, fa-J . Sp. Fork
Williams, Dee A., c-F .... Morgan
Williams, Fenton L., ss .... Ferron
Williams, Ralph R., e-So .. Beaver
Williams, Russell S., ss, Columbia, Ut.
Wilson, Bill W., a-F ..... Provo
Wilson, Dale B., ap-So .... Payson
Wilson, Frank R., G ..... Provo
Wilson, J. Harold, c-J .... Payson
Wilson, Jesse E., a-F ..... Payson
Wilson, Mabel G., c-J ..... Nephi
Wilson, Marguerite L., ss .....
..... Salt Lake City
Wilson, O. Meredith, a-So .... Provo
Wilson, Stanley, ss ..... Payson
Wing, Arva D., c-F ..... Lehi
Wing, John H., G .... Am. Fork
Wing, Mariam D., ap-S .. Am. Fork
Wing, Sherman W., a-F .. Am. Fork
Wing, Therese F., e-So-ss Mt. Pleasant
Winkler, Aurel P., G .. Mt. Pleasant
Winkler, Louise, c-F-ss . Buhl, Ida.
Winterton, Olive E., a-F .... Provo
Winterton, Zelma E., a-S .... Provo
Wiscombe, Morris W., fa-F .. Provo
Wiscombe, Ronald, a-So .. Roosevelt
Wittwer, Reed, e-S .. Santa, Clara
Wood, John K., ss ..... Logan
Wood, Lothair D., a-F .... Sp. Fork
Wood, Reed A., c-S ..... Holden
Woodbury, John T., ss .. St. George
Woodhouse, Clara, fa-J .... Beaver
Woodland, Eloise, e-F . Malad, Ida.
Woodward, Emily, ss ..... Provo
Woolley, Bessie, a-F ..... Manti
Woolston, Harold W., fa-J .... Lehi
Workman, German B., ss .. Neola
Worsley, Helen B., ap-So .... Provo
Worsley, Sadie P., G ..... Provo
Worthen, Ralph, Sp ..... Provo
Wright, Beth A., e-J-ss ..... Provo
Wright, Donald, a-F ..... Pl. Grove
Wright, George M., ss .... Hinckley
Wright, Glade, a-So .... Hinckley
Wright, Janus E., ap-So .. Hinckley
Wright, Lynne A., c-So .... Provo
Wright, Thelma, ss ..... Pl. Grove
Wright, Vesta, ap-S, Idaho Falls, Ida.

Yorgason, Robert R., a-S .....
..... Burlington, Wyo.
Youd, Stella, e-So ..... Sp. Fork
Young, Delbert H., a-So .. Am. Fork
Young, Edith, a-So ..... Am. Fork
Young, Jesse L., ss ..... Fairview
Young, Leland T., a-F ..... Price
Young, Mildred K., e-F .. Am. Fork
Young, Newel K., ss ..... Provo
Young, Sarah, e-So ..... Provo
Young, William E., ss .. Heber City

Zabel, Edwin A., ss, Spokane, Wash.
Zabriskie, Max D., c-Sp ..... Provo

ENROLLMENT OF STUDENTS

Summary of Students for 1931-1932

Graduates	78	
Seniors	180	
Juniors	279	
Sophomores	320	
Freshmen	486	
Specials	150	
Unmatriculated	26	1519
Summer School 1931:		
Graduates	145	
Other University Students	400	545
Correspondence and Extension Students		363
Secondary Training School:		
Senior High School	115	
Junior High School	73	188
Elementary Training School		246
		2861
Less those counted more than once		309
Number receiving institutional credit		2552

Accounting and Business Administration 74
Administrative Officers 6
Admission 56
Agricultural Club 42
Agronomy 81
Alpha Kappa Psi 46
Animal Husbandry 85
Art 89
Art Club 42
Associated Students 39
Associated Women Students 40
Awards 48
Beta Beta Beta 46
Block "Y" Club 40
Board of Trustees 4
Botany 95
B. Y. U. Women's Organization 46
Calendar 5
Chemistry 100
Church School Officers 4
Classification of Students 58
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Clubs and Societies 41
College of Applied Science 68
College of Arts and Sciences 68
College of Commerce 69
College of Education 69
College of Fine Arts 72
Committees, Standing 27
Course Divisions 57
Correspondence Courses 266
Courses of Instruction 74
Credits 59
David Starr Jordan Biology Club 45
Dean of Women 51
Departments of Instruction 35
Delta Phi 44
Discipline 50
Drama League, The 42
Drawing 168
Economics 107
Educational Administration 112
Election of Studies 57
Elementary Education 118
Elementary School Faculty 275
Endowments 38
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English 125
Entomology 257
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Faculty 7
Faculty Fine Arts Club 47
Faculties, L. D. S. Institutes and Seminaries 28
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Fees 36
Finance and Banking 133
Foods and Nutrition 151
French 175
French, German and Spanish Clubs 43
Gamma Phi Omicron 43
General Requirements 56
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German 172
Graduate Club 45
Graduate School 63
Graduates 284
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History of University 31
History 142
Home Economics 148
Home Economics Club 43
Horticulture 158
Household Administration 155
Instrumental Music 185
Latin 181
Leadership Week 265
Library 52-161
Literary Club, The 43
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Major and Minor Requirements 62
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Modern and Classical Languages 172
Music 182
Music Society 44
Office Practice 190
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Philosophy of Education 204
Phonetics 182
Physical Education 191
Physics 199

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Psychology 215
Psychology Club 44
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Scholarships and Prizes 47
Scholarship Honors 65
Secondary Education 234
Secondary Training School Curriculum 279
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Social Unit Organization 41
Sociology 240
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Speech 246
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Student Expenses 37
Summer Session 73
Tau Kappa Alpha 46
Theory of Music 182
Theta Alpha Phi 46
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Vocal Music 189
Woodwork 152
Y Chemical Society, The 45
Young Commerce Club 44
Young Women's Missionary Club 44
Y. E. A. 44
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